IAP Cover Sheet		- 1	Version Name: Per	iod 13
Incident Name: South 4 Group	Fire	Period: Period 13 [12/12/2019 06:00 - 12/14/2019 06:00		06:00
	App	proved By	1 1	
Federal OSC:	Adams, Adam <i>Adam</i>	n ADAMS FOS	c told	
Jefferson County Judge:	Branick, Jeff Robe	rt Grimm	for Feet 1 thing	
State OSC:	Davila, Hope	e Davila	Alord Savil	21
EOC Manager:	Wright, Mike M/	Wight	Mark 1010	
	Incident	Action	Plan	

Notes

MAY CONTAIN PERSONAL IDENTIFYING INFORMATION, CONFIDENTIAL INFORMATION, OR SENSITIVE SECURITY INFORMATION. MAY BE EXEMPT FROM DISCLOSURE UNDER THE FREEDOM OF INFORMATION ACT OR TEXAS PUBLIC INFORMATION ACT



IAP Cover Sheet		Prepared By IAP Support, Updated 12/11/2019 13:04 UTC -6:00 PP		
INCIDENT ACTION PLAN SOFTWARE™	Printed 12/11/2019 16:39 UTC -6:00	1 of 104	© TRG	

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Incident Name: South 4 Group Fire Period: Period 13 [12/12/19 06:00 - 12/14/19 06:00 - 12/1			
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Weather Report Version Name: 20191211 @ 1415 Period: Period 13 [12/12/2019 06:00 - 12/14/2019 06:00] Incident Name: South 4 Group Fire **Present Conditions** Weather Conditions as of 12/11/2019 14:12 port arthur station id: MID PORT2 Temperature: 53° Fahrenheit Feels Like: 53° Fahrenheit Wind Speed: 8 mph Dew Point: ° Fahrenheit Wind Direction (from): NNE Pressure: 30.44 Visibility: mile(s) **UV Index:** Humidity (%): Sunrise: 07:01 Short Description: Sunny Sunset: 17:16 Full Description: Sunny **Current Speed:** Wave Height: Wave Direction: Current Direction (to): Water Temperature: ° Fahrenheit Swell Interval: Forecast Date Night Day Sunny, with a high near 58. Mostly clear, with a low around 43. Northeast wind 10 to 15 mph, Northeast wind around 5 mph. with gusts as high as 20 mph. Wed 12/11/2019 Chance of Precipitation(%): 2% Chance of Precipitation(%): 0% Wind: 13 mph 45 °F Wind: 10 mph 58 °F Partly sunny, with a high near 61. A 20 percent chance of showers. Northeast wind 5 to 10 mph. Mostly cloudy, with a low around 49. Northeast wind around 5 mph becoming calm after midnight. Thu 12/12/2019 Chance of Precipitation(%): 10% Chance of Precipitation(%): 16% Wind: 6 mph Wind: 4 mph 61 °F 50 °F Partly sunny, with a high near 68. Partly cloudy, with a low around 51. Calm wind becoming southwest Southwest wind around 5 mph around 5 mph in the afternoon. becoming northwest after midnight. Fri 12/13/2019 Chance of Precipitation(%): 10% Chance of Precipitation(%): 1% Wind: 4 mph Wind: 5 mph 67 °F 52 °F **Tides Tide Station Location Tide** Height **UOM Time** High 0.831 feet 01:53 Port Arthur, Tx Us Wed 12/11/2019 -0.429feet 10:05 Port Arthur, Tx Us Low High 0.859 feet 02:10 Port Arthur, Tx Us Thu 12/12/2019 -0.4910:43 Port Arthur, Tx Us Low feet **Weather Report** Prepared By Planning Section, Updated 12/11/2019 14:13 UTC -6: PP INCIDENT ACTION PLAN SOFTWARE™ 3 of 104 © TRG Printed 12/11/2019 16:39 UTC -6:00

Weather Re	eport					Version Name: 20191211	@ 1415
Incident Name	: South 4	Group Fire	)			Period: Period 13 [12/12/2019 06:00 - 12/14/2019	06:00
Fri	High	0.88	feet	02:24	Port Ar	rthur, Tx Us	
12/13/2019	Low	-0.509	feet	11:25	Port Ar	rthur, Tx Us	
					_		
Nooth an Da	- w4					Described Du Division Continuity and Additional Continuity	TO 0 ==
Weather Repo	ort					Prepared By Planning Section, Updated 12/11/2019 14:13 U	IC -6: PF

ICS 202 - Incident Objectives	Version Name: Period 13
Incident Name: South 4 Group Fire	Period: Period 13 [12/12/2019 06:00 - 12/14/2019 06:00]
Object	ctive
Ensure the Safety of the Public and Response Personnel	
Maximize Protection of Environmentally-Sensitive Areas	
Stabilize the Incident and Protect Unaffected Assets and Physica	l Infrastructure
Contain, Recover, and Dispose of Spilled Material	
Manage Coordinated Response Effort	
Keep Stakeholders, Local Government, and Public Informed of In	cident Status
Operational Period Command Emphasis (Safety	Message, Priorities, Key Decisions/Directions)
Ensure proper Site Safety Plan and Risk Analysis when conduction	ng tactics.
Support mandatory evacuation/shelter, if ordered.	
Support rehab for first responders.	
Maintain situational awareness including atmospheric conditions.	
Establish estimated inventory of remaining product.	
Maintain an inventory of fire fighting water volume and remaining being used and remaining inventory.	containment capacity. Maintain record of fire suppression foam
Establish and maintain an approved air monitoring plan with a pu	blic health component.
Establish and maintain Document Retention, especially in regards	s to decision making documents.
Prioritize the prevention of incident related materials from being d	lischarged into the Neches River.
Minimize emissions and odors.	
Be delibrative in your actions.	
ICS 202 - Incident Objectives	Prepared By IAP Support, Updated 12/11/2019 14:39 UTC -6:00 PP
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Version Name: Period 13
Period: Period 13 [12/12/2019 06:00 - 12/14/2019 06:00
Priorities

- Weather Conditions
- Night Operations
- Location of the Incident
- · Availability/Shortfall of Resources
- Transportation/Logistics
- Support Infrastructure
- Permits (Authorization to Apply Alternate Response Techniques)
- Wildlife Activities (Fish, Birds, etc.)
- Access to Shoreline (Private vs Public Lands)
- Spilled Material Characteristics (Monitoring/PPE Requirements)
- · Public Health
- Community/Media Perception
- Changes in Evacuation or SIP Orders, as Ordered by Jefferson County Judge
- Evidence Preservation
- Work/Rest Rotation Requirements
- Disposal of Waste
- Jurisdictional Issues

ICS 202a - Command Direction	Version Name: Period 13		
Incident Name: South 4 Group Fire	Period: Period 13 [12/12/2019 06:00 - 12/14/2019 06:00]		

# **Key Decisions and Procedures**

# **Key Decisions**

- · Makeup of UC Federal, State, Local, & RP
- Name of Incident = South 4 Group Fire
- Overall Response Organization Staffing
  - Operations Section Chief & Deputy OSC = TPC
  - Planning Section Chief & Deputy PSC = TPC
  - Logistics Section Chief = TPC
  - Finance Section Chief = TPC
  - Safety Officer = TPC
  - Public Information Officer = TPC
  - Liaison Officer = TPC
  - Environmental Unit Leader = TPC

Note: section chiefs have full authority on filling positions; however, ensure agencies are integrated into the organization

- Command Post 3501 Turtle Creek Dr., port Arthur, Tx 77642
- Joint Information Center 3501 Turtle Creek Dr., port Arthur, Tx 77642
- Operational Period and work hours 48 Hour Ops Period from 0600hrs to 0600hrs
- All external releases of information should be approved by UC (Press releases and press conferences)
- Any resource request over \$10,000(pending logistics) should be approved by EOC Manager
- Any issues around waterway management will be managed, as required, with the USCG

#### **Procedures**

- Resource Requests / Ordering Process (ICS 213 RR)
- Press Releases / External Reporting Procedures Done
- External Reporting Review & Approval Process Planning Cycle
- Operational Security Process TRG Lanyards and Badges
- Documentation Process and Guidelines IAP Software, following document retention
- Finance Operating Guidelines Is deployed
- Claims Process Number established (866) 601-5880
- Demobilization Process
- Shoreline Cleanup Assessment Techniques As applicable

ICS 202a - Command Direction		Prepared By IAP Support, Updated 12/11/2019 10:00 UTC -6:00 F			
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ICS 202b - Critical Information Requirements	Version Name: Period 13		
Incident Name: South 4 Group Fire	Period: Period 13 [12/12/2019 06:00 - 12/14/2019 06:00]		

# **Critical Incident Reporting Threshold (Critical Information Reports):**

Notify Unified Command Immediately for any of the Following:

- · Injury Beyond First Aid or Death
- Evacuations
  - Any Change to Evacuation/SIP Order
- Any Air Monitoring Results Exceeding Action Levels
- Critical Response Equipment Status Change
- Change in the Source Status
- Critical Weather Events
- Public Infrastructure Closures (Parks, Boat Ramps, Railroads, Roads, etc.)
- Protests / Demonstrations
- Significant Security Issues
- Breach of Safety Zone
- VIP Visits
- Dead or Oil Impacted Wildlife
- Adverse Media Coverage or Stakeholder Input
- Affected Public Seeking Medical Attention
- Significant Response Events
- Impacts to Commerce
- · Any Unaccounted For or Unauthorized Personnel in the Field
- · Special Requests from Agencies
- · Impacts to Water Intake of the Neches River
  - Release of Sheen or Product to the Neches River
- When Containment Level of Any Area, Including Outfall Area, Reaches Critical Levels

### **ROUTINE REPORTING:**

### Situation Unit:

- Progress Report ICS-209 Incident Status Summary with Executive Summary (Daily Report 1800hrs)
- Live Common Operating Picture (Displays Ongoing)
- Spot Weather Report, Trajectories & Meeting Schedule (Displays Hourly)
  - Command and General Staff Meeting 1900hrs at New ICP (Rest of Meeting Schedule to Follow)

### Operations:

- Operational Status Update Prior to Objectives Meeting & Key Trigger Points in the Response (Milestones/Operational Constraints/Challenges/Future OPS) from OSC/PSC/Logistics) - (Briefing)
- Fire Water Reportout, Including Fire Water Runoff/Discharged to Both Wastewater Treatment and Outfall (0600 Operations Briefing)

### Liaison Officer:

- Agencies Assigned to Incident Listing (Report 0800hrs)
- Adversely Impacted and Involved Stakeholders Listing (Report 0800hrs)

#### **Public Information Officer:**

- Media Talking Points from PIO (Daily Report 0800hrs)
- PIO to Report on Media Climate (Report/Briefing 0800hrs)

#### Finance:

- Burn Rate from Finance (Report 0800hrs)
- Updated Claims Information (Report 0800hrs)

ICS 202b - Critical Information Requirements		Prepared By IAP Support, Updated 12/11/2019 10:00 UTC -6:00 P			
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ICS 203 - Organization Assi	gnment List		Version Name: 20191212		
Incident Name: South 4 Group Fire		Period: Period 13 [12/12/2019 06:00 - 12/14/2019 06:00]			
Command		Operations Section			
State OSC Night (On-Call)	Kirksey, Sarah	Air Monitoring Group	Scott, Alex		
Incident Commander Day	McDonald, Scott	Air Monitoring Group	Davis, Jason		
Safety Officer Field Day	Trahan, Kelly	Air Monitoring Group	Tijerina, Pamella		
Public Information Officer	Cronin, Sara	Air Monitoring Group	Layton, Jillian		
Liaison Officer Day	Sanders, Jason	Air Monitoring Group	Turner, Michael		
EOC Manager Night	Wright, Michael	Air Monitoring Group	Tighe, Daniel		
		Air Ops Group Supervisor	Allen, Bryce		
ICS Technical Specialist Day	Tannehill, Lance	Air Ops Group Supervisor	Berg, Nolan		
Local Government OSC	White, Michael	Air Ops Group Supervisor	Barrett, Blake		
EOC Manager Day	LaFollette, Michael	Asbestos & Debris Recovery Group	Henault, Andrew		
Federal OSC	Adams, Adam	Decontamination Group	EcoWerks		
Incident Commander Night	Hollier, Kurt	Deputy Operations Section Chief	Sharpe, Randall		
Safety Officer Day	Ray, David	Division A Supervisor	Garcia, Thomas		
Safety Officer Night	Dorsa, Clayton	Division B Supervisor	Williams, Jordan		
State OSC Day	Layton, Jillian	Division C Supervisor	Blanchard, Leland		
ICS Technical Specialist Night	Torres, Joe	Division D Supervisor	Bowers, Daniel		
Liaison Officer Night	Jascek, Becky	Division E Supervisor	Williams, Jordan		
Safety Officer Field Night	Hanks, Scot	Env Sampling Group	Allaby, Eric		
Deputy Federal OSC	Fisher, Bray	Env Sampling Group	Gueringer, Jeremy		
Deputy Local Government OSC	Grimm, Robert	Env Sampling Group	Tighe, Daniel		
Planning Section	Ommin, Robert	Environmental Specialist	Miller, Mike		
•	Cabrica Brian	Environmental Specialist	Broomes, Ebunoluwa		
Planning Section Chief Day Planning Section Chief Night	Gehrke, Brian Park, Johnny	Evidence Preservation	Montoya, John		
Situation Unit Leader	Shook, Anthony	Fire Suppression Group Supervisor  Day	Holly, Chad		
GIS Specialist	Gray, Kevin	Fire Suppression Group Supervisor	Williams, James		
Documentation Unit Leader	Moore, Josh	Night	,		
Scribe Day	Carroll, Tiffany	Inhibitor Team 1 Day	Tassin, Steven		
Scribe Swing	Wyble, Heather	Inhibitor Team 1 Night	Reddington, Thomas		
Scribe Night	Hergert, Jeremy	Inhibitor Team 2 Day	Page, Donald		
Demobilization Unit Leader	Koon, Sean	Main Gate Staging Area	Roberts, Brandon		
Resource Unit Leader	Nail, Johnny	366 Staging Area	Hellickson, Jacob		
Technical Liaison	Heimeyer, Nathan	OPERA Staging Area	Ham, Tyler		
Technical Liaison	Harrison, Chrstopher	Operations Section Chief Day	Lynn, Mike		
Logistics Section		Operations Section Chief Night	Carlton, Doug		
Logistics Section Chief	Lawson, Elton	Recovery & Protection Branch Director	Blanchard, Cory (Clean Harbors)		
Deputy Logistics Section Chief	Dupuis, Philip	SCAT Coordinator	Simmons, Robert		
Communications Unit Leader Day	Zant, Casey	Staging Branch Director	Comer, Lynn		
Communications Unit Leader Night	Grissom, Billy	Support Services Branch Director	Sanders, Jason		
Ground Support Unit Leader	Moore, Jeff	Support Services Branch Director	Wnek, Shawn		
Staging Coordinator	Comer, Lynn	Support Services Branch Director	Easton, Linda		
Staging Coordinator	Mcglothin, Lloyd	Support Services Branch Director	Jaschek, Rebecca		
ICS 203 - Organization Assignme	ent List	Prepared By Planning Section, Upd	ated 12/11/2019 16:29 UTC -6: PP		
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ICS 203 - Organization Assignment List		Version Name: 20191212		
Incident Name: South 4 Group Fire		Period: Period 13 [12/12/2019 06:00 - 12/14/2019 06:00		
		Tank Stabilization Group Super Day	visor	Picou, Clint
		Tank Stabilization Group Super Night	visor	Davis, James
		TF-Outfall 201 Leader		Garcia, Thomas
		TPC Docks Staging Area Mana	ger	Smart, Jeremy
		Waste Management Group Supervisor		Blanchard, Cory
		Water Sampling Group		Allaby, Eric
		Water Sampling Group		McMullin, Tami
		Water Sampling Group  Finance Section  Finance Section Chief Day		Reilly, Michael
				Guilbeau, Koy
		Finance Section Chief Night		Marshall, Linda
		P2P		Estes, Marty
		Procurement Unit Leader Day		Burke, Dona
Other Sections / Positions				
Section	Position	I	Persoi	n
JIC	APIO Informa Specialist	ation Gathering/Website	_ambe	erth, Erika
JIC	APIO Informa	ation Products	Dough	ity, Haley
JIC	PIO		Cronin	ı, Sara
JIC	Information F	Products - Writer	_aplar	nte, David
JIC	Social Media	Specialist	Watkir	nson, Anastasia
JIC	APIO Media	Relations	Keith,	Payton
JIC	APIO Media	Relations	Prathe	er, Alisha

ICS 203 - Organization Assignment List		Prepared By Planning Section, Updated 12/11/2019 16:29 UTC -6: PP		
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	t List			<b>.</b>		2010 00 00	40/4 : /= :	10.00.00
Incident Name: South 4 G	roup Fire				eriod 13 [12/12/2	2019 06:00 -	12/14/20	019 06:00
	1		Operations	Personnel	<u> </u>		I	
Position Out to Olivia	Name	D	Affiliation			Number(s)	Work S	
Operations Section Chief	Carlton,		TPC Group		(b) (6)		2nd Shi	
Operations Section Chief	Lynn, M	ike					1st Shif	<u> </u>
Director	Caradara		TDC Creeks		(b) (C)		Day Obi	£1.
Support Services Branch Director	Sanders	s, Jason	TPC Group		(b) (6)		Day Shi	
Support Services Branch Director	Jaschek	k, Rebecca	TPC Group		(b) (6)		Day Shi	ft
Support Services Branch Director	Wnek, S	Shawn	CTEH		(b) (6)		Day Shi	ft
Support Services Branch Director	Easton,	Linda	СТЕН		(b) (6)		Day Shi	ft
Air Monitoring Group	Scott, A	lec	СТЕН		(b) (6)		Day Shi	ft
Air Monitoring Group	Davis, J		CTEH		(b) (6)		Night SI	
Air Monitoring Group	· ·	Pamella	СТЕН		(b) (6)		Day Shi	
Air Monitoring Group	Layton,		TCEQ		(b) (6)		Day Shi	
Air Monitoring Group	Tighe, D		EPA Region	 6	713-397-1	550	Day Shi	
Air Monitoring Group	Turner,	Michael		al Response	734-351-9	9656		
			Resources	Required			<u> </u>	
Area Of Operation		Resource K		Descripti	on	Q	uantity	Size
Air Monitoring Group		Equipment: S	Safety	Benzen T			each	
Air Monitoring Group			MultiRAE	Air Monito	r - MultiRAE	70	each	
Air Monitoring Group		Air Monitor -	UltraRAE	Air Monito	r - UltraRAE	55	5 each	
Air Monitoring Group		Air Monitorin	g Technician	TPC (CTE	EH) Air Monitoring	Tech 61	l each	
Air Monitoring Group		Equipment: \$	<u>-</u>	Butadiene			each	
Air Monitoring Group		+	g Technician	EPA (STA	RT-Weston) Air	4	each	
Air Monitoring Group		Air Monitorin	g Technician		RC) Air Monitorin	g Tech 8	each	
Air Monitoring Group		Equipment: S	Safety		r - DRAGER X-P		5 each	
Air Monitoring Group		Equipment: S		AM510/AM	M520	24	1 each	
Air Monitoring Group		Air Monitor -	AreaRAE	Air Monito	r - AreaRAE	31	l each	
Air Monitoring Group		Equipment: S	Safety	Ludlum		1	each	
Air Monitoring Group		UTV	·	UTV		4	each	
Air Monitoring Group		Equipment: S	Safety	Gil/SKC/L	eland Pumps	11	14 each	
Air Monitoring Group		Data Manage	er	Data Man	ager	6		
Air Monitoring Group		Project Mana		Project Ma		6		1
Air Monitoring Group		Toxicologist		Toxicologi		3		1
Air Monitoring Group		Manpower: F	Responder		t Manager	4	each	1
Air Monitoring Group		Environment		Project As		1	each	1
Air Monitoring Group		Command T	railer	Command	d Trailer	2	each	feet
Air Monitoring Group		Generator		Generator			each	kilowa (s)
Air Monitoring Group		SCBA		SCBA		8	each	
ICS 204 - Assignment Lis	st					Updated 12/11	1/2019 15:0	6 UTC -6:(
INCIDENT ACTION PLAN SOFTW	ARE™ F	Printed 12/11/2019	16:39 UTC -6:00	11 0	f 104			© TR

ICS 204 - Assignment List	Group: Air Monitoring Group
Incident Name: South 4 Group Fire	Period: Period 13 [12/12/2019 06:00 - 12/14/2019 06:00]

### **Assignments**

All Air Monitoring activities are to be conducted in accordance with the Air Monitoring Plan. For all areas as directed for both day and night shift as safe to do so. Continuous and roving detecting air gas monitoring to be conducted by trained gas testing personnel using multi-gas monitors.

Ambient air sampling will continue in the 1-mile radius and the surrounding area as it has since the incident began. Technicians will shift to any areas where sampling results indicate elevated results.

EPA (START/Weston) - One 2-person team (DAY) and One 2-person team (NIGHT) roving team conducting air monitoring downwind in the communities.

TCEQ (NRC) - 4 day personnel and 4 night personnel roving team conducting air monitoring downwind in the communities.

TPC (CTEH) - Utilize roaming air monitors within the response area, fenceline monitoring, on water operations, surrounding community and escort anyone entering the plant response area (day & night).

Utilize stationary air monitoring collecting analytical samples that are being sent for asbestos and hydrocarbons.

Air monitoring is occurring in multiple areas where spill mitigation and remediation activities are occurring, including staging areas and vessels.

Conduct real-time air monitoring with off-site and on-site air monitoring stations in order to monitor the community and personnel with MultiRAEs and AreaRAEs. AreaRAE units are deployed at fixed locations and readings will be monitored in a centralized location by the Air Monitoring Group to allow for rapid recognition, communication and response to changing conditions.

Report to Safety and Operations on established schedule except for action level exceedances which should be reported immediately.

If sustained detection of readings are observed, personnel will be instructed to deploy to site to confirm the detection with a secondary hand held real time instrument. Monitor changing environmental conditions and notify operations supervisors of any unsafe conditions. Data managers onsite will provide data summaries and support.

Using AreaRAE's are deployed on the fenceline and within the facility. A new procedure that will require additional personnel to add 4 AreaRAE and 4 Dragers; incident command trailer.

#### Special Instructions

Use proper PPE and maintain communications at all times.

Report any oiled or distressed wildlife to 409-239-4725.

### **DEMOBILIZATION:**

For personnel LEAVING the incident and NOT coming back, please call 713-748-9108 upon safe return home.

### Special Environmental Considerations

Follow the approved Air Sampling to ensure the goals are met and information disseminated.

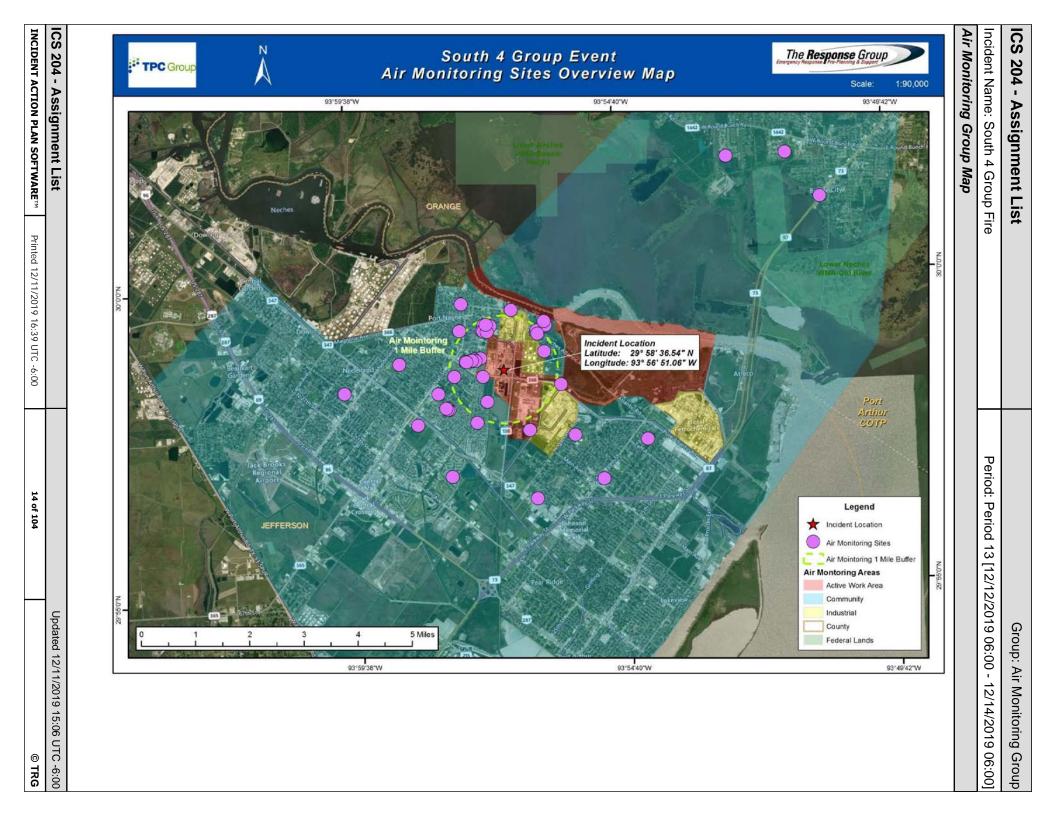
If wildlife is spotted, contact the Wildlife Hotline at 409-239-4725 by call or text and provide where, what and when the wildlife was observed.

If an alligator wis spotted:

- 1. Leave the alligator in place.
- 2. Maintain visual.
- 3. If alligator displays aggressive behavior and safety becomes an issue, notify Safety Officer immediately.

ICS 204 - Assignment List		Updated 12/11/2019 15:06 UTC -6	
INCIDENT ACTION PLAN SOFTWARE™	Printed 12/11/2019 16:39 UTC -6:00	12 of 104	© TRG

ICS 204 - Assignment List		Group: Air Monitoring Group			
Incident Name: South 4 Group Fire	Period: Period 13 [12/12	2/2019 06:00 - 12/14/2019 06:00]			
Special Site-Special	ic Safety Considerations				
Wear SCBA while in the Exclusion Zone. Stay out of smoke plume.					
Immediately leave area with elevated readings above the air monitoring action limit.					
Be aware of surroundings and vehicle traffic.					
Be aware of wildlife while working around/near water and high	grassy areas.				
Personal flotation device required if within 3' of bodies of water	r (canals, deep ditches, etc.).				
Immediately report safety incidents and concerns to your sup-	ervisor.				
Stay hydrated.					
ICS 204 - Assignment List		Updated 12/11/2019 15:06 UTC -6:00			
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ICS 204 - Assignment List	Group: Asbestos & Debris Recovery Group
Incident Name: South 4 Group Fire	Period: Period 13 [12/12/2019 06:00 - 12/14/2019 06:00]

Operations Personnel				
Position	Name	Affiliation	Contact Number(s)	Work Shift
Operations Section Chief	Carlton, Doug	TPC Group	(b) (6)	2nd Shift
Operations Section Chief	Lynn, Mike			1st Shift
Director				
Asbestos & Debris Recovery Group	Henault, Andrew	СТЕН	(b) (6)	Day Shift
Recovery & Protection Branch Director	Blanchard, Cory	Clean Harbors Environmental Service Inc. (CHES)	337-321-2948	Day Shift

Area Of Operation	Resource Kind	Description	Quantity	Size
Asbestos & Debris Recovery Group	Manpower: Supervisor	Asbestos Supervisors(CH)	1 each	
Asbestos & Debris Recovery Group	•	Asbestos & Debris Removal Tech (CH)	4 each	
Asbestos & Debris Recovery Group	Project Manager	Project Manager Asbestos (CTEH)	1	
Asbestos & Debris Recovery Group	Environmental Specialist	Inspector/Sampling Tech (CTEH)	6 each	
Asbestos & Debris Recovery Group	Data Manager	Data Manager (CTEH)	1	

# **Assignments**

Community assessment for the presence of any ACM or incident debris and the sampling, collection and removal.

Team 1 consists of 1 toxicologist, 1 health scientist and 1 certified asbestos consultant.

This team will evaluate homes for the presence or absence of insulation and/or potentially asbestos containing materials (PACM) in accordance with the UC approved sampling and analysis plan and in response to residential requests to the call center and/or on-line database.

Conduct personnel sampling from debris and asbestos clean up crew.

Priorities will be established based on health concerns communicated by the residents.

Should the PACM or other potential terminal debris be found, the asbestos contractor will be notified and material will be collected in accordance with the contractor's plan.

### Standby Resources:

1 team of 4 consisting of abatement sampling and recovery specialist to be deployed when mobilized by the assessment team.

## Special Instructions

Use proper PPE and maintain communications at all times.

Report any oiled or distressed wildlife to 409-239-4725.

#### **DEMOBILIZATION:**

For personnel LEAVING the incident and NOT coming back, please call 713-748-9108 upon safe return home.

Communications		
Name / Function	Contact Details	
Safety / Safety	Safety 1	

ICS 204 - Assignment List		Updated 12/07/2019 17:32 UTC -6:00		
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ICS 204 - Assignment List	Group: Asbestos & Debris Recovery Group			
Incident Name: South 4 Group Fire	Period: Period 13 [12/12/2019 06:00 - 12/14/2019 06:00]			
Special Environmental Considerations				
Should the PACM or other potential terminal debris be found, the asbestos contractor will be notified and material will be				

llected in accordance with the contractor's plan.

If wildlife is spotted, contact the Wildlife Hotline at 409-239-4725 by call or text and provide where, what and when the wildlife was observed.

If an alligator wis spotted:

- 1. Leave the alligator in place.
- 2. Maintain visual.
- 3. If alligator displays aggressive behavior and safety becomes an issue, notify Safety Officer immediately.

# Special Site-Specific Safety Considerations

Be aware of wildlife while working around/near water and high grassy areas.

Steep embankments may exist around waterways. Wear flotation device within 3' of water.

Monitor air quality. Immediately leave area with readings elevated above the action limit.

Report safety incidents and concerns to your immediate supervisor.

ICS 204 - Assignment List		Updated 12/07/2019 17:32 UTC -6:00		
INCIDENT ACTION PLAN SOFTWARE™	Printed 12/11/2019 16:39 UTC -6:00	16 of 104	© TRG	

ICS 204 - Assignment List	Group: Decon Group		
Incident Name: South 4 Group Fire	Period: Period 13 [12/12/2019 06:00 - 12/14/2019 06:00]		
Operations Personnel			

Operations Personnel					
Position	Name	Affiliation	Contact Number(s)	Work Shift	
Operations Section Chief	Carlton, Doug	TPC Group	(b) (6)	2nd Shift	
Operations Section Chief	Lynn, Mike			1st Shift	
Protection and Recovery Branch Director	Blanchard, Cory	Clean Harbors Environmental Service Inc. (CHES)	337-321-2948	Day Shift	
Decon Group Supervisor	EcoWerks				

Area Of Operation	Resource Kind	Description	Quantity	Size		
Decon Group	Equipment: Decon	Detergent Washout of BOAT (16 26')	6'- 8 each	16 - 24 feet		
Decon Group	Equipment: Decon	Detergent Washout of BOAT (28 35')	8'- 1 each	28 - 35 feet		
Decon Group	Decon Personnel	Decon Personnel	3 each			

# **Assignments**

Small Vessels and Equip:

Gross decontamination of small water vessels and marine equip will be placed inside containment boom during the decontamination process.

Floating product or product sheen from vessels will be minimized with sorbents as necessary to reduce loss outside the containment boom.

The vessels will be removed from the water and placed inside an impermeable, bermed area at the boat ramp (OPERA Boat Launch) or shore side (Joint Discharge canal and Star Lake Canal upstream of bridge) locations as appropriate.

Decontamination of equipment will be conducted per the approved Decontamination Plan and in accordance with the Waste Management Plan.

Upon completion of the gross decontamination, the vessels will be transported to an industrial cleaning facility, EcoWerks, located at 6200 Procter St. Extension, Port Arthur, TX, 77642.

The EcoWerks facility will manage all collected waste and waste water according to their waste management plans and as authorized by permit.

# Special Instructions

Use proper PPE and maintain communications at all times.

Report any oiled or distressed wildlife to 409-239-4725.

### **DEMOBILIZATION:**

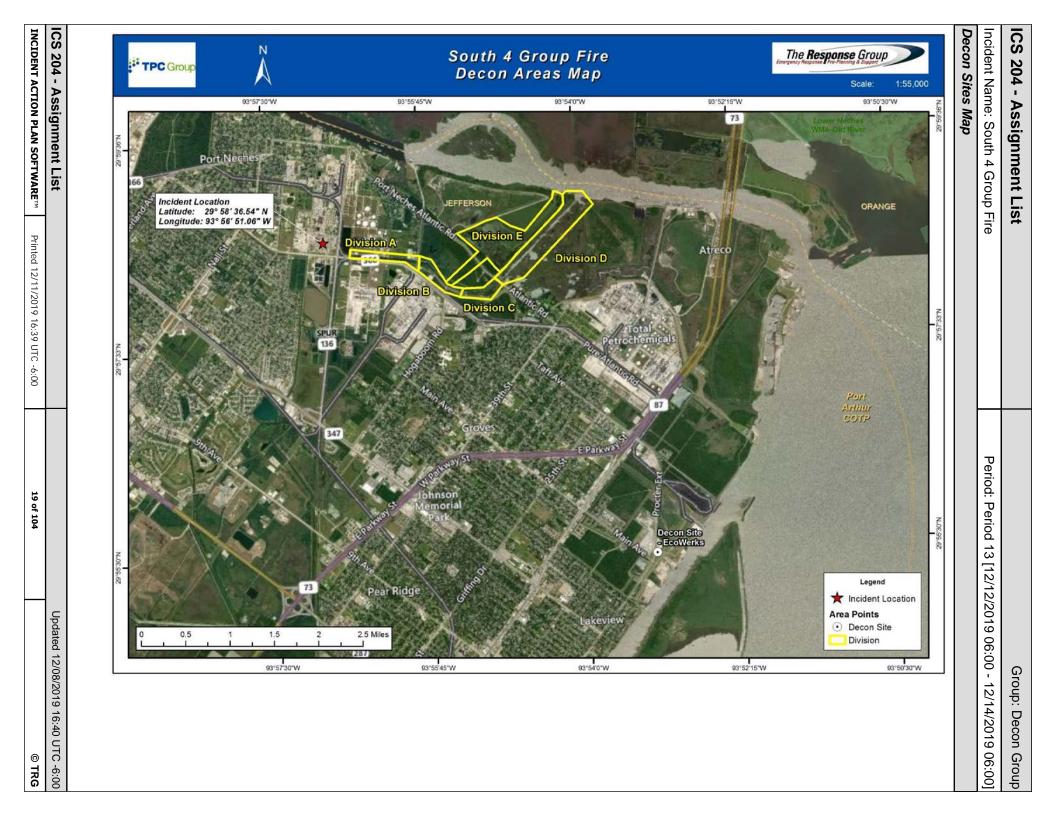
For personnel LEAVING the incident and NOT coming back, please call 713-748-9108 upon safe return home.

### Special Equipment / Supplies Needed for Assignment

Sorbents, Pressure Washer

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ICS 204 - Assignment List			Group: Decon Group
Incident Name: South 4 Group Fire		Period: Period 13 [12/12	/2019 06:00 - 12/14/2019 06:00]
Special Env	vironme	ntal Considerations	
Follow approved Decontamination Plan.  If wildlife is spotted, contact the Wildlife Hotline at 409-23	39-4725	by call or text and provide where	e, what and when the wildlife
was observed. If an alligator wis spotted: 1. Leave the alligator in place. 2. Maintain visual.			
3. If alligator displays aggressive behavior and safety be			nediately.
	-	Safety Considerations	
Ensure contaminated pool water doesn't enter the body			
Monitor air quality while performing task. Immediately lea		_	e air monitoring action limit.
Report safety incidents and concerns to your immediate	supervis	or.	
ICS 204 - Assignment List			Updated 12/08/2019 16:40 UTC -6:00
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ICS 204 - Assignmen	t List						Div	vision: C	Division A
Incident Name: South 4 Gr	oup Fire				Period: Period	13 [12/12/2019 06:0	00 - 12	2/14/20	19 06:00]
			Operations	Perso	onnel				
Position	Name		Affiliation			Contact Number(	s) V	Vork St	nift
Operations Section Chief	Carlton,	Doug	TPC Group			(b) (6)	2	nd Shift	į.
Operations Section Chief	Lynn, M	ike					1:	st Shift	
Protection and Recovery Branch Director	Blancha	rd, Cory	Clean Harbo Service Inc.			337-321-2948	D	ay Shif	t
Division A Supervisor	Garcia,	Thomas	Resolute En	vironm	ental	(b) (6)	D	ay Shif	t
	Resources Required								
Area Of Operation		Resource Kin	nd		Description		Qua	ntity	Size
Division A		Boom			Boom		300	feet	in
Division A		Vacuum Truck	Vacuum Truck		Vacuum Truck		2 ea	ch	barrel (s)
Division A		Jon Boat			Jon Boat		4 ea	ch	feet
Division A		UTV			UTV		1 ea	ch	
Division A	Sorbent: Boom			Sorbent: Boom		100	feet	inch (es)	
Division A		Wash Pump			2" Wash Pump		3 ea	ch	cubic feet/min ute
Division A		Spill Tech			Spill Tech		20 e	ach	
Division A		Light Plants			Light Plants		3 ea	ch	
Division A		Viscous Swee	p		Snare/Viscous	Sweep	750	each	

# Assignments

Hot Water Pressure Washer

1 each

Division A: From Outfall 001 to Orchard Avenue.

Division A

Maintain sorbent boom and snare; change out as needed; and place in pollution bags for disposal.

Hot Water Pressure Washer

Maintain containment boom lined with sorbent boom in canal north of pump station recover spilled material/sheen with dip nets and place in pollution bags for disposal.

Perform continuous air monitoring and communicate changes in environmental conditions with Group Supervisor.

Be aware of weather constraints and adjust accordingly based on conditions and operational parameters of skimming equipment. If weather deteriorates to an unsafe condition proceed to nearest safe area. Communicate changes in condition to Group Supervisor.

Offload recovered product to storage assets as needed. Follow Waste Management Plan and coordinate with Waste Management Group Supervisor as required.

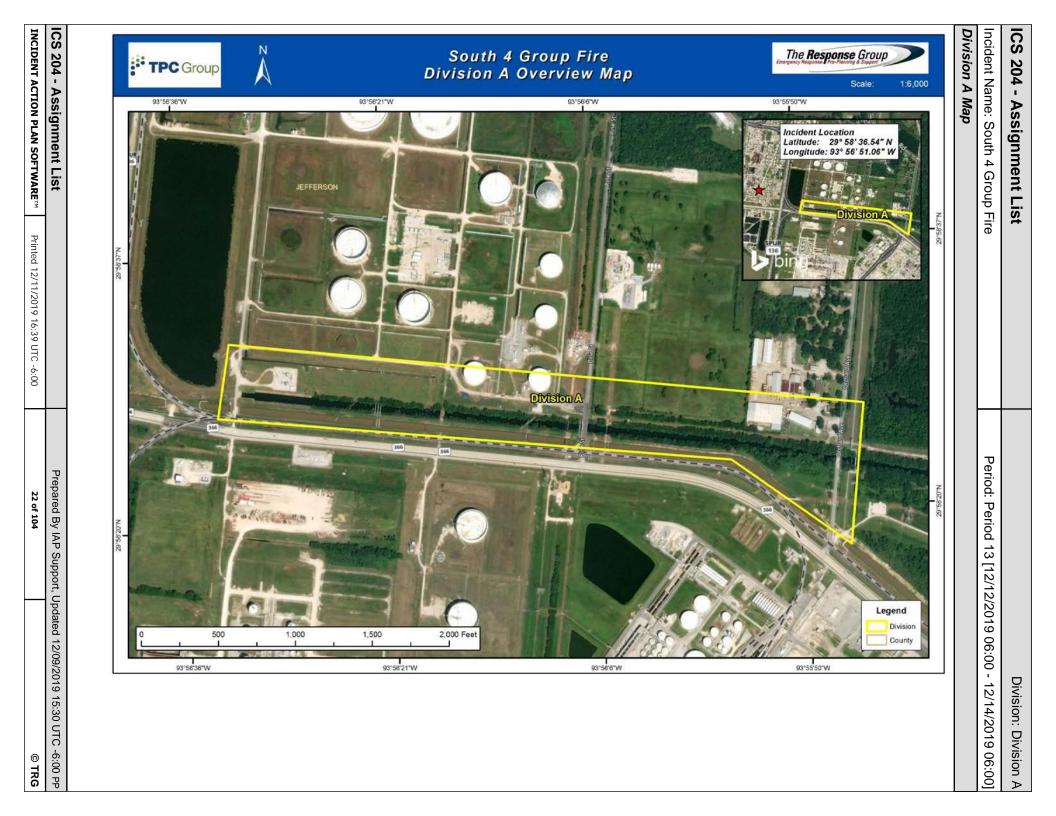
Upon completion of assigned task, follow Decontamination Plan to implement decontamination procedures.

Report all wildlife impacts to supervisor immediately.

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ICS 204 - Assignment List	Division: Division A
ncident Name: South 4 Group Fire	Period: Period 13 [12/12/2019 06:00 - 12/14/2019 06:00
Special In	structions
Use proper PPE and maintain communications at all times.	
Report any oiled or distressed wildlife to 409-239-4725.	
DEMOBILIZATION: For personnel LEAVING the incident and NOT coming back, plea	ase call 713-748-9108 upon safe return home.
Location	of Work
Division A: From Outfall 001 to Orchard Avenue.	
Special Equipment / Suppli	ies Needed for Assignment
Suction Hose, Strainer, Air Compressor (Dual Tank)	
Special Environment	ntal Considerations
Collect runoff utilizing the minimizing hierarchy: Pump to JWWTF establish response collection of water in frac tanks or other contatesting plan for sampling water to include volatiles, semi-volatiles	ainment, boom outfalls to capture floating hydrocarbon, establish
If wildlife is spotted, contact the Wildlife Hotline at 409-239-4725 was observed. If an alligator wis spotted: 1. Leave the alligator in place. 2. Maintain visual. 3. If alligator displays aggressive behavior and safety becomes a	
	Safety Considerations
Wear Level D PPE.	ourery considerations
Be aware of wildlife while working around/near water and high gr	rassy areas.
Steep embankments may exist around waterways.	
Wear flotation device within 3' of bodies of water (canals, deep d	itches, etc.).
Monitor air quality. Immediately leave area with readings elevated	d above the action limit.
mmediately report safety incidents and concerns to your supervi	isor.
Stay hydrated.	

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Incident Name: South 4 Group Fire			Period: Period 13 [12/12/2019 06:00 - 12/14/2019 06:00]		
		Operations	Personnel		
Position	Name	Affiliation		Contact Number(s)	Work Shift
Operations Section Chief	Carlton, Doug	TPC Group		(b) (6)	2nd Shift
Operations Section Chief	Lynn, Mike				1st Shift
Protection and Recovery	Blanchard, Cory	Clean Harbo	ors Environmental	337-321-2948	Day Shift

Division: Division B

Day Shift

Resolute Environmental
Resources Required

Service Inc. (CHES)

	Noodardoo Noquirou						
Area Of Operation	Resource Kind	Description	Quantity	Size			
Division B	Boom	Boom	900 feet	in			
Division B	Jon Boat	Jon Boat	2 each	feet			
Division B	Response Boat	Response Boat	1 each	feet			
Division B	UTV	UTV	1 each				
Division B	Construction Materials/Supply	Equipment mats	35 each				
Division B	Sorbent: Boom	Sorbent: Boom	1400 feet	inch (es)			
Division B	Wash Pump	2" Wash Pump	2 each	cubic feet/min ute			
Division B	Spill Tech	Spill Tech	12 each				
Division B	Light Plants	Light Plants	1 each				
Division B	Viscous Sweep	Snare/Viscous Sweep	300 each				

### **Assignments**

Division B: From Orchard Avenue to the weir dam in the canal

Williams, Jordan

**ICS 204 - Assignment List** 

**Branch Director** 

Division B Supervisor

Maintain sorbent boom and snare on each side of Orchard Ave. and change out as needed and place in pollution bags for disposal.

Maintain containment boom lined with sorbent boom in canal north of pump station recover spilled material/sheen with dip nets and place in pollution bags for disposal.

Any ineffective strategies or boom failures will be immediately reported to the Recovery & Protection Branch Director.

Be aware of weather constraints and adjust accordingly. If weather deteriorates to an unsafe condition proceed to nearest safe area. Communicate changes in conditions with Branch Director.

Dead or impacted wildlife should be immediately reported documented, location noted and possibly collected as evidence.

### Special Instructions

Use proper PPE and maintain communications at all times.

Report any oiled or distressed wildlife to 409-239-4725.

## **DEMOBILIZATION:**

For personnel LEAVING the incident and NOT coming back, please call 713-748-9108 upon safe return home.

### Location of Work

Orchard Rd to Weir Dam

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ICS 204 - Assignment List	Division: Division B
Incident Name: South 4 Group Fire	Period: Period 13 [12/12/2019 06:00 - 12/14/2019 06:00]

### Special Environmental Considerations

Collect runoff utilizing the minimizing hierarchy: Pump to JWWTP utilizing diesel pumps; contain runoff onsite, if threat of breach establish response collection of water in frac tanks or other containment, boom outfalls to capture floating hydrocarbon, establish testing plan for sampling water to include volatiles, semi-volatiles, TOC, test for fire retardant constituents, PFAS, pH.

If wildlife is spotted, contact the Wildlife Hotline at 409-239-4725 by call or text and provide where, what and when the wildlife was observed.

If an alligator wis spotted:

- 1. Leave the alligator in place.
- 2. Maintain visual.
- 3. If alligator displays aggressive behavior and safety becomes an issue, notify Safety Officer immediately.

# Special Site-Specific Safety Considerations

Wear Level D PPE.

Be aware of wildlife while working around/near water and high grassy areas.

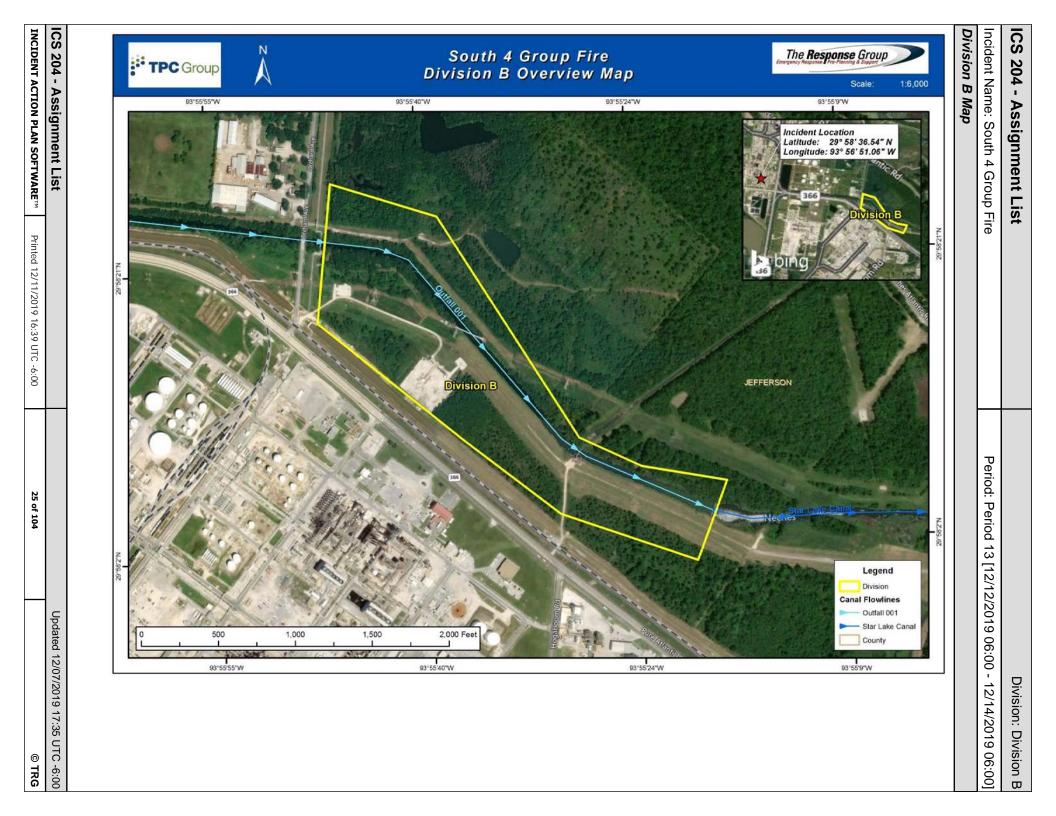
Steep embankments may exist around waterways.

Wear flotation device within 3' of bodies of water (canals, deep ditches, etc.).

Monitor air quality. Immediately leave area with readings elevated above the action limit.

Immediately report safety incidents and concerns to your supervisor.

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ICS 204 - Assignment List Division: I			Division: Division C		
Incident Name: South 4 Group Fire			Period: Period 13 [12/12/2019 06:00 - 12/14/2019 06:00]		
Operations Personnel					
Position	Name	Affiliation		Contact Number(s)	Work Shift

Operations Personnel					
Position	Name	Affiliation	Contact Number(s)	Work Shift	
Operations Section Chief	Carlton, Doug	TPC Group	(b) (6)	2nd Shift	
Operations Section Chief	Lynn, Mike			1st Shift	
Protection and Recovery Branch Director	Blanchard, Cory	Clean Harbors Environmental Service Inc. (CHES)	337-321-2948	Day Shift	
Division C Supervisor	Blanchard, Leland	Clean Harbors Environmental Service Inc. (CHES)	(b) (6)	Day Shift	

Area Of Operation	Resource Kind	Description	Quantity	Size
Division C	Boom	Boom	1600 feet	in
Division C	Sorbent: Boom	Sorbent: Boom	1800 feet	inch (es)
Division C	Spill Tech	Spill Tech	10 each	
Division C	Viscous Sweep	Snare/Viscous Sweep	50 each	

# **Assignments**

Division C: From the weir dam in the canal to Atlantic Rd.

Maintain boom and snare; change out saturated sorbent boom at the wier dam

Maintain diversion boom lined with sorbent boom inlet to the DD7 pump station and along the shoreline to minimize impact to marsh areas.

Maintain boom across the canal west and east of the DD7 pump station inlet and recover spilled material/sheen with dip nets and place in pollution bags for disposal.

Any ineffective strategies or boom failures will be immediately reported to the Recovery & Protection Branch Director.

Be aware of weather constraints and adjust accordingly. If weather deteriorates to an unsafe condition proceed to nearest safe area. Communicate changes in conditions with Branch Director.

Dead or impacted wildlife should be immediately reported documented, location noted and possibly collected as evidence.

Follow Waste Management Plan and coordinate with Waste Management Group Supervisor as required.

### Special Instructions

Use proper PPE and maintain communications at all times.

Report any oiled or distressed wildlife to 409-239-4725.

### **DEMOBILIZATION:**

For personnel LEAVING the incident and NOT coming back, please call 713-748-9108 upon safe return home.

### Location of Work

Weir Dam to Atlantic Rd.

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ICS 204 - Assignment List	Division: Division C
Incident Name: South 4 Group Fire	Period: Period 13 [12/12/2019 06:00 - 12/14/2019 06:00]

### Special Environmental Considerations

Collect runoff utilizing the minimizing hierarchy: Pump to JWWTP utilizing diesel pumps; contain runoff onsite, if threat of breach establish response collection of water in frac tanks or other containment, boom outfalls to capture floating hydrocarbon, establish testing plan for sampling water to include volatiles, semi-volatiles, TOC, test for fire retardant constituents, PFAS, pH.

If wildlife is spotted, contact the Wildlife Hotline at 409-239-4725 by call or text and provide where, what and when the wildlife was observed.

If an alligator wis spotted:

- 1. Leave the alligator in place.
- 2. Maintain visual.
- 3. If alligator displays aggressive behavior and safety becomes an issue, notify Safety Officer immediately.

### Special Site-Specific Safety Considerations

Be aware of wildlife while working around/near water and high grassy areas.

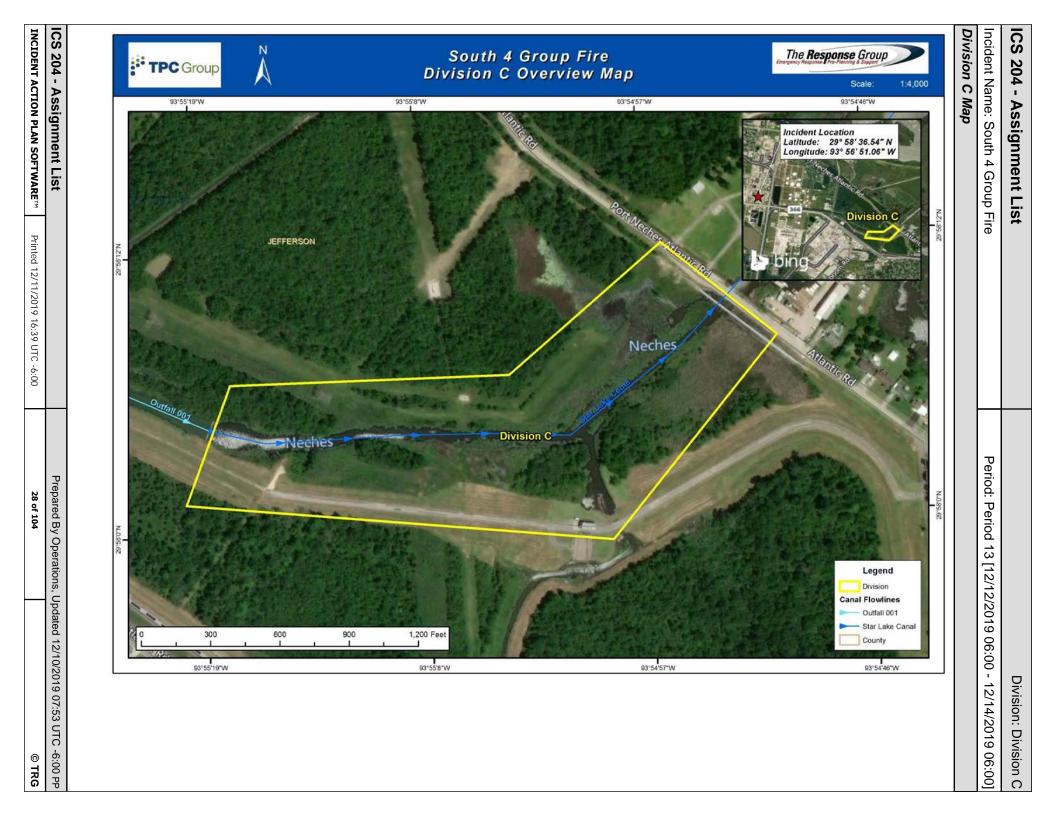
Steep embankments may exist around waterways.

Wear flotation device within 3' of water.

Monitor air quality. Immediately leave area with readings elevated above the action limit.

Immediately report safety incidents and concerns to your supervisor.

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ICS 204 - Assignmen	t List			1	Division: Division [
Incident Name: South 4 Group Fire Period: Period			13 [12/12/2019 06:00 - 12/14/2019 06:00		
Operations Personnel					
Position	Name	Affiliation		Contact Number(s)	Work Shift
Operations Section Chief	Carlton, Doug	TPC Group		(b) (6)	2nd Shift
Operations Section Chief	Lynn, Mike				1st Shift
Protection and Recovery	Blanchard, Cory	Clean Harbors	Environmental	337-321-2948	Day Shift

Day Shift

Service Inc. (CHES)

Area Of Operation	Resource Kind	Description	Quantity	Size
Division D	Boom	Boom	2100 feet	in
Division D	Jon Boat	Jon Boat	1 each	feet
Division D	Response Boat	Response Boat	1 each	feet
Division D	Construction Materials/Supply	Equipment mats	35 each	
Division D	Sorbent: Boom	Sorbent: Boom	2000 feet	inch (es)
Division D	Spill Tech	Spill Tech	10 each	

# **Assignments**

Division D: From Atlantic Rd. to the confluence at the Neches River including the outfall west of the power line ROW.

Maintain containment boom lined with sorbent boom at the Atlantic Rd. bridge and OPERA boat ramp from south of the Associated Marine Services Inc. dock.

Maintain boom across the mouth of the canal at the Neches River and open and close to accommodate vessel traffic in and out of Star Lake Canal.

Any ineffective strategies or boom failures will be immediately reported to the Recovery & Protection Branch Director.

Be aware of weather constraints and adjust accordingly. If weather deteriorates to an unsafe condition proceed to nearest safe area. Communicate changes in conditions with Branch Director.

Dead or impacted wildlife should be immediately reported documented, location noted and possibly collected as evidence.

Follow Waste Management Plan and coordinate with Waste Management Group Supervisor as required.

## Special Instructions

Use proper PPE and maintain communications at all times.

Bowers, Daniel

Report any oiled or distressed wildlife to 409-239-4725.

### **DEMOBILIZATION:**

**Branch Director** 

Division D Supervisor

For personnel LEAVING the incident and NOT coming back, please call 713-748-9108 upon safe return home.

#### Location of Work

Atlantic Rd to Neches River

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ICS 204 - Assignment List	Division: Division D
Incident Name: South 4 Group Fire	Period: Period 13 [12/12/2019 06:00 - 12/14/2019 06:00]

### Special Environmental Considerations

Collect runoff utilizing the minimizing hierarchy: Pump to JWWTP utilizing diesel pumps; contain runoff onsite, if threat of breach establish response collection of water in frac tanks or other containment, boom outfalls to capture floating hydrocarbon, establish testing plan for sampling water to include volatiles, semi-volatiles, TOC, test for fire retardant constituents, PFAS, pH.

If wildlife is spotted, contact the Wildlife Hotline at 409-239-4725 by call or text and provide where, what and when the wildlife was observed.

If an alligator wis spotted:

- 1. Leave the alligator in place.
- 2. Maintain visual.
- 3. If alligator displays aggressive behavior and safety becomes an issue, notify Safety Officer immediately.

### Special Site-Specific Safety Considerations

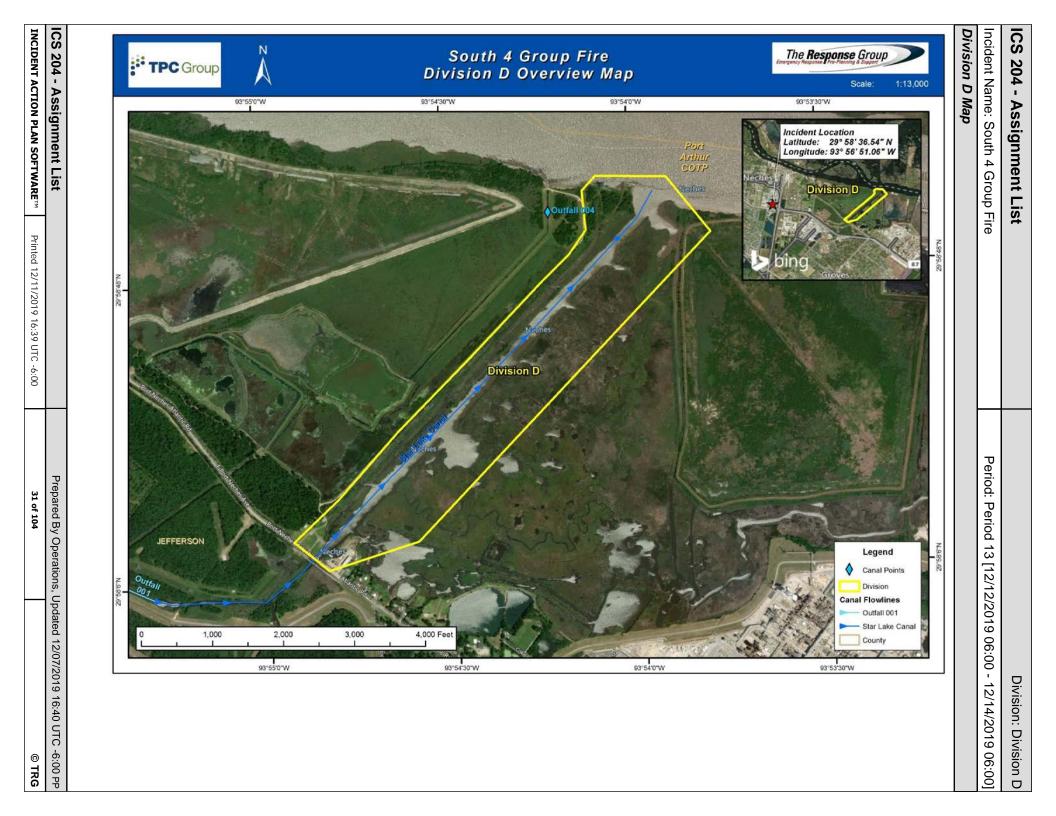
Be aware of wildlife while working around/near water and high grassy areas.

Steep embankments may exist around waterways. Wear flotation device within 3' of water.

Monitor air quality. Immediately leave area with readings elevated above the action limit.

Report safety incidents and concerns to your immediate supervisor.

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ICS 204 - Assignment List	Division: Division E
Incident Name: South 4 Group Fire	Period: Period 13 [12/12/2019 06:00 - 12/14/2019 06:00]
Operations Personnel	

Operations Personnel				
Position	Name	Affiliation	Contact Number(s)	Work Shift
Operations Section Chief	Carlton, Doug	TPC Group	(b) (6)	2nd Shift
Operations Section Chief	Lynn, Mike			1st Shift
Protection and Recovery Branch Director	Blanchard, Cory	Clean Harbors Environmental Service Inc. (CHES)	337-321-2948	Day Shift
Division E Supervisor	Williams, Jordan	Resolute Environmental	(b) (6)	Day Shift

Area Of Operation	Resource Kind	Description	Quantity	Size
Division E	Boom	Boom	600 feet	in
Division E	Sorbent: Boom	Sorbent: Boom	1000 feet	inch (es)
Division E	Spill Tech	Spill Tech	5 each	

### **Assignments**

Division E: Huntsman outfall wetlands canal from Star Lake Canal to Port Neches Atlantic Rd.

Maintain boom and sorbent boom across the canal as well as containment boom on northeast side of Port Neches Atlantic Rd.

Maintain hard boom across the canal at outfall to the Neches River.

Any ineffective strategies or boom failures will be immediately reported to the Recovery & Protection Branch Director.

Be aware of weather constraints and adjust accordingly. If weather deteriorates to an unsafe condition proceed to nearest safe area. Communicate changes in conditions with Branch Director.

Dead or impacted wildlife should be immediately reported documented, location noted and possibly collected as evidence.

Follow Waste Management Plan and coordinate with Waste Management Group Supervisor as required.

### Special Instructions

Use proper PPE and maintain communications at all times.

Report any oiled or distressed wildlife to 409-239-4725.

### **DEMOBILIZATION:**

For personnel LEAVING the incident and NOT coming back, please call 713-748-9108 upon safe return home.

### Location of Work

Huntsman Outfall Canal to Atlantic Ave

### Special Environmental Considerations

Collect runoff utilizing the minimizing hierarchy: Pump to JWWTP utilizing diesel pumps; contain runoff onsite, if threat of breach establish response collection of water in frac tanks or other containment, boom outfalls to capture floating hydrocarbon, establish testing plan for sampling water to include volatiles, semi-volatiles, TOC, test for fire retardant constituents, PFAS, pH.

If wildlife is spotted, contact the Wildlife Hotline at 409-239-4725 by call or text and provide where, what and when the wildlife was observed.

If an alligator wis spotted:

- 1. Leave the alligator in place.
- 2. Maintain visual.
- 3. If alligator displays aggressive behavior and safety becomes an issue, notify Safety Officer immediately.

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ICS 204 - Assignment List	Division: Division E				
Incident Name: South 4 Group Fire	Period: Period 13 [12/12/2019 06:00 - 12/14/2019 06:00]				
Special Site-Speci	fic Safety Considerations				
Be aware of wildlife while working around/near water and high grassy areas.					
Steep embankments may exist around waterways. Wear flota	Steep embankments may exist around waterways. Wear flotation device within 3' of water.				
Monitor air quality. Immediately leave area with readings elev	Nonitor air quality. Immediately leave area with readings elevated above the action limit.				
Report safety incidents and concerns to your immediate supe	ervisor.				
Stay hydrated.					
ICS 204 - Assignment List	Prepared By Operations, Updated 12/07/2019 17:12 UTC -6:00 PP				
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ICS 204 - Assignment List	Group: Environmental Sampling Group		
Incident Name: South 4 Group Fire	Period: Period 13 [12/12/2019 06:00 - 12/14/2019 06:00]		

	Operations Personnel			
Position	Name	Affiliation	Contact Number(s)	Work Shift
Operations Section Chief	Carlton, Doug	TPC Group	(b) (6)	2nd Shift
Operations Section Chief	Lynn, Mike			1st Shift
Director				
Environmental Specialist	Broomes, Ebunoluwa	TPC Group	(b) (6)	Day Shift
Env Sampling Group	Allaby, Eric	CTEH	(b) (6)	Day Shift
Env Sampling Group	Gueringer, Jeremy	CTEH	(b) (6)	Night Shift
Env Sampling Group	Tighe, Daniel	EPA Region 6	713-397-1550	Day Shift
Support Services Branch Director	Jaschek, Rebecca	TPC Group	(b) (6)	Night Shift
Support Services Branch Director	Sanders, Jason	TPC Group	(b) (6)	Day Shift
Environmental Specialist	Miller, Mike	TPC Group	(b) (6)	Day Shift
Support Services Branch Director	Wnek, Shawn	СТЕН	(b) (6)	Day Shift
Support Services Branch Director	Easton, Linda	СТЕН	(b) (6)	Day Shift

Resources I	Required
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Area Of Operation	Resource Kind	Description	Quantity	Size
Environmental Sampling Group	Environmental Specialist	CTEH Sampling Specialist	3 each	
Environmental Sampling Group	Environmental Specialist	EPA Sampling Specialist	2 each	
Environmental Sampling Group	Environmental Specialist	TCEQ Sampling Specialist	3 each	
Environmental Sampling Group	Environmental Specialist	Env Lab Liaison	1 each	
Environmental Sampling Group	Environmental Specialist	Environmental Lead (CTEH)	1 each	
Environmental Sampling Group	Toxicologist	Toxicologist - Env Sampling (CTEH)	2	
Environmental Sampling Group	Manpower: Responder	Courier for Lab	3 each	

# **Assignments**

### TPC (CTEH)

One team of 3 personnel will be deployed to collect surface water samples at 5 designated locations daily (and 4 on demand locations) in accordance with the UC-approved Environmental Sampling and Analysis Plan (ESAP).

One strike team will be available to collect additional samples as directed outside of the previously established sample locations, following the sample collection and handling protocols established in the ESAP. CTEH collected samples will be collected and submitted to Pace Lab. Sample COCs will be documented as a SIERA. Personnel will transport and deliver samples to EAS and will return samples to the EOC where PACE lab will currier them to their Houston laboratory.

#### FOSC

One water sampling team (2 personnel) will sample 6 established locations in accordance with their Sampling and Analysis Plan (SAP). Additional analysis will be performed for Polyfluoro Alkali Substances (PFAS).

#### SOSC

TCEQ water sampling team (3 personnel) will continue sampling, as needed.

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ICS 204 - Assignment List	Group: Environmental Sampling Group				
Incident Name: South 4 Group Fire	Period: Period 13 [12/12/2019 06:00 - 12/14/2019 06:00]				
Special Instructions					
Use proper PPE and maintain communications at all times.					
December 21 - 1 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2					

Report any oiled or distressed wildlife to 409-239-4725.

#### **DEMOBILIZATION:**

For personnel LEAVING the incident and NOT coming back, please call 713-748-9108 upon safe return home.

# Special Equipment / Supplies Needed for Assignment

Sampling Kits

## Special Environmental Considerations

Follow approved Sampling Plan.

If wildlife is spotted, contact the Wildlife Hotline at 409-239-4725 by call or text and provide where, what and when the wildlife was observed.

If an alligator wis spotted:

- 1. Leave the alligator in place.
- 2. Maintain visual.
- 3. If alligator displays aggressive behavior and safety becomes an issue, notify Safety Officer immediately.

# Special Site-Specific Safety Considerations

Wear Level D PPE.

Be aware of wildlife while working around/near water and high grassy areas.

Steep embankments may exist around waterways.

Wear flotation device within 3' of bodies of water (canals, deep ditches, etc.).

Monitor air quality. Immediately leave area with readings elevated above the action limit.

Immediately report safety incidents and concerns to your supervisor.

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Incident Name: South 4 Group Fire			Period: Period 1	13 [12/12/2019 06:00 -	12/14/2019 06:00]
Operation			Personnel		
Position	Name	Affiliation		Contact Number(s)	Work Shift
Operations Section Chief	Carlton, Doug	TPC Group		(b) (6)	2nd Shift
Operations Section Chief	Lynn, Mike				1st Shift

Group: Fire Suppression Group

Area Of Operation	Resource K	ind	Description		Quantity	Size
		Resources Req	uired			
Fire Suppression Group Supervisor	Williams, James	TPC Group		(b) (6)	Night Sh	ift
Fire Suppression Group Supervisor	Holley, Chad	TPC Group		(b) (6)	Day Shif	t
Operations Section Chief	Lynn, Mike				1st Shift	
Operations Section Chief	Carlton, Doug	TPC Group		(b) (6)	2nd Shif	t
				• .	,	

Resources Required						
Area Of Operation	Resource Kind	Description	Quantity	Size		
Fire Suppression Group	Fire Monitor	Fire Monitor	18 each			
Fire Suppression Group	Fire Fighters	Fire Fighters	18 each			
Fire Suppression Group	Fire Pumps	Fire Pumps	9 each	cubic feet/min ute		
Fire Suppression Group	Vehicle: Fire Engine	Ladder Truck (Tower)	1 each			
Fire Suppression Group	Decon Trailer	Decon Trailer	1 each	feet		
Fire Suppression Group	Trailer	Person Rehab Trailer	1 each	feet		
Fire Suppression Group	Fire Fighting Foam	Vapor Suppression Foam	325 gallon (s)	each		
Fire Suppression Group	Equipment: Safety	Temperature Sensor	10 each			

## **Assignments**

Continue to conduct fire suppression response activities.

ICS 204 - Assignment List

Applying water to the site and adjacent areas to ensure cooling and prevent re-ignition as needed.

Continue to utilize available portable fire pumps and fire apparatus to assist firefighting efforts.

Consider wind speed, direction and heading to manage smoke.

Maintain the established primary and secondary boundaries and rally point at the site.

Utilize manned/unmanned fire monitors and other resources to apply water to extinguish fire and possible use of foam for vapor suppression.

Coordinate decontamination needs of the affected area, personnel and equipment.

## Special Instructions

Use proper PPE and maintain communications at all times.

Report any oiled or distressed wildlife to 409-239-4725.

## **DEMOBILIZATION:**

For personnel LEAVING the incident and NOT coming back, please call 713-748-9108 upon safe return home.

Communications				
Name / Function	Contact Details			
Safety / Safety	Safety 1			
Multi Agency Radio /	Multi Agency Radio 4			

ICS 204 - Assignment List			Updated 12/07/2019 15:57 UTC -6:00
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ICS 204 - Assignment List	Group: Fire Suppression Group				
Incident Name: South 4 Group Fire	Period: Period 13 [12/12/2019 06:00 - 12/14/2019 06:00]				
Special Environme	ntal Considerations				
Third party to assist with air monitoring, following Air Sampling Plan. Provide data to the agencies. See Air Monitoring plan period.					
If wildlife is spotted, contact the Wildlife Hotline at 409-239-4725 was observed.	by call or text and provide where, what and when the wildlife				

- If an alligator wis spotted:
- 1. Leave the alligator in place.
- 2. Maintain visual.
- 3. If alligator displays aggressive behavior and safety becomes an issue, notify Safety Officer immediately.

# Special Site-Specific Safety Considerations

Wear full bunker gear with SCBA. Stay upwind of the smoke plume. Maintain visual on the fire. Maintain safe distance from fires.

Maintain awareness to surrounding structures and line of fire for falling debris.

Monitor air quality while within the Exclusion Zone.

Immediately report safety incidents and concerns to the Incident Commander.

Stay hydrated.

ICS 204 - Assignment List			Updated 12/07/2019 15:57 UTC -6:00
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ICS 204 - Assignment List Group: SCAT Group Incident Name: South 4 Group Fire Period: Period 13 [12/12/2019 06:00 - 12/14/2019 06:00] **Operations Personnel** Affiliation Work Shift **Position** Name Contact Number(s) TPC Group Operations Section Chief Carlton, Doug 2nd Shift (b) (6) Operations Section Chief Lynn, Mike 1st Shift Director SCAT Coordinator Simmons, Robert **CTEH** Day Shift Resources Required Area Of Operation Resource Kind Description Quantity Size Vessel SCAT Group **SCAT Boat** 1 each feet SCAT Group SCAT Team USCG-SCAT Team 1 each SCAT Team SCAT Group TCEQ-SCAT Team 1 each SCAT Group SCAT Team TGLO SCAT Team 2 each SCAT Group SCAT Team Huntsman Rep SCAT Team 1 each **TPWS SCAT Team** SCAT Group SCAT Team 1 each

## **Assignments**

TCP/CTEH SCAT Team

1 each

(1) Shoreline Cleanup Assessment Team (SCAT) consisting of 8 people:

SCAT Team

- 2 CTEH (RP rep)
- 1 FOSC Rep USCG
- 1 SOSC Rep TCEQ
- 1 TGLO Rep

SCAT Group

- 1 TPWS Rep
- 1 Clean Harbors
- 1 Landowner (Huntsman)

Will conduct an assessment of affected and non-affected shoreline, and clean up activity by foot and boat (as needed) from the Joint Discharge to the Neches River to determine what further actions are necessary for cleanup, monitoring and maintenance.

The SCAT Team will also coordinate with and facilitate wildlife surveys response activity with Wildlife personnel on call.

The SCAT Team will act as SCAT-OPS liaison reactive to Shoreline Treatment Methods and Endpoint Assessment.

Specific mission assignment for the subsequent day will be determined by the SCAT Coordinator each day after field teams return.

Each SCAT member must attend tailgate safety prior to beginning the work day.

### Special Instructions

Use proper PPE and maintain communications at all times.

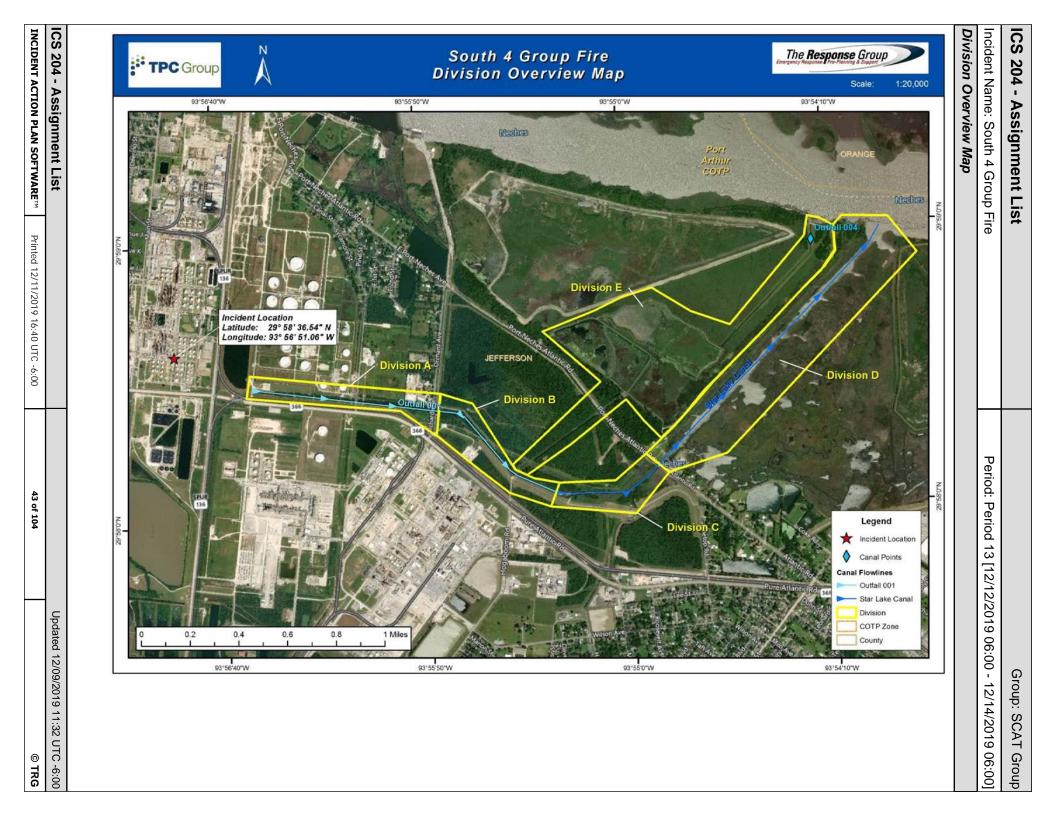
Report any oiled or distressed wildlife to 409-239-4725.

## **DEMOBILIZATION:**

For personnel LEAVING the incident and NOT coming back, please call 713-748-9108 upon safe return home.

ICS 204 - Assignment List			Updated 12/09/2019 11:32 UTC -6:00
INCIDENT ACTION PLAN SOFTWARE™	Printed 12/11/2019 16:40 UTC -6:00	41 of 104	© TRG

ICS 204 - Assignment List		Group: SCAT Group
Incident Name: South 4 Group Fire	Period: Period 13 [12/12	/2019 06:00 - 12/14/2019 06:00]
Special Equipment / Suppl	ies Needed for Assignment	
SCAT data collector		
vehicles		
Special Environme	ntal Considerations	
Follow SCAT Plan. Conduct rapid assessment to evaluate effect agreed upon criteria for clean up.	iveness of the cleanup efforts and	d ensure they meet the final
If wildlife is spotted, contact the Wildlife Hotline at 409-239-4725 was observed. If an alligator wis spotted: 1. Leave the alligator in place.	by call or text and provide where	e, what and when the wildlife
<ol> <li>Maintain visual.</li> <li>If alligator displays aggressive behavior and safety becomes a</li> </ol>	an issue, notify Safety Officer imn	nediately.
	Safety Considerations	
Be aware of wildlife while working around/near water and high gr	rassy areas.	
Steep embankments may exist around waterways. Wear flotation	n device within 3' of water.	
Monitor air quality. Immediately leave area with readings elevate	d above the action limit.	
Report safety incidents and concerns to your immediate supervise	sor.	
Stay hydrated.		
ICS 204 - Assignment List  INCIDENT ACTION PLAN SOFTWARE™ Printed 12/11/2019 16:40 UTC -6:00	42 of 104	Updated 12/09/2019 11:32 UTC -6:00 © TRG



	t List				Group: Ta	ank S	tabilizati	ion Group
Incident Name: South 4 Gr	roup Fire			Period: Period	13 [12/12/2019 06:	00 - 1	12/14/20	19 06:00
			Operations	Personnel				
Position	Name		Affiliation		Contact Number	tact Number(s) Wo		hift
Operations Section Chief	Carlton,	Doug TPC Group			(b) (6)		2nd Shift	
Operations Section Chief	Lynn, M	like					1st Shift	
Supervisor	Picou, C	lint	TPC Group		(b) (6)		Day Shift	
Supervisor	Davis, Ja	ames	TPC Group		-		Night Sh	nift
	•		Resources	s Required				
Area Of Operation		Resource Kin	d	Description		Qu	antity	Size
Tank Stabilization Group		Manpower: Re	sponder	Inhibitor Injection	n Team 1 Day	3 е	ach	
Tank Stabilization Group		Foreman		Inhibitor Injection	n Team 1 Leader	1 e	ach	
Tank Stabilization Group		Manpower: Re	sponder	Inhibitor Injection	n Team 2 Night	3 е	ach	
Tank Stabilization Group		Foreman		Inhibitor Injection Night	n Team 2 Leader	1 e	ach	
Tank Stabilization Group		Foreman		Day	n Team 2 Leader		ach	
Tank Stabilization Group		Foreman		Night	n Team 1 Leader		ach —.	
Tank Stabilization Group		Manpower: Re	•		Inhibitor Injection Team 2 Day		ach	<u> </u>
Tank Stabilization Group		Manpower: Re	•	•	Inhibitor Injection Team 1 Night		ach	
Tank Stabilization Group		Manpower: Re			Pipefitter-Day		ach	
Tank Stabilization Group		Manpower: Responder		Electrician-Day	Electrician-Day		ach	
•	_	Manpower: Responder				_		
Tank Stabilization Group		<u> </u>	sponder	Pipefitter-Night			ach	
Tank Stabilization Group		Manpower: Re Manpower: Re	sponder sponder	Pipefitter-Night Electrician-Nigh	t		ach ach	
Tank Stabilization Group  Tank Stabilization Group  Injection of DEHA into critical along with a 1 electrician a		Manpower: Re	sponder sponder Assign ocks 3, 5, 8, 1	Electrician-Nigh		1 e	ach	eams
Tank Stabilization Group Tank Stabilization Group Injection of DEHA into critic	and 1 pipe	Manpower: Re iene tanks in Blo fitter on day and	sponder sponder Assign ocks 3, 5, 8, 1 d night.	Electrician-Nigh	erial; 2 day teams a	1 e	ach	eams
Tank Stabilization Group  Tank Stabilization Group  Injection of DEHA into critical along with a 1 electrician a	and 1 pipe	Manpower: Re iene tanks in Blo fitter on day and	sponder sponder Assign ocks 3, 5, 8, 1 d night.	Electrician-Nigh	erial; 2 day teams a	1 e	ach	eams
Tank Stabilization Group  Tank Stabilization Group  Injection of DEHA into critical along with a 1 electrician a	and 1 pipe	Manpower: Re iene tanks in Blo fitter on day and	sponder sponder Assign ocks 3, 5, 8, 1 d night.	Electrician-Nigh	erial; 2 day teams a	1 e	ach	eams
Tank Stabilization Group Tank Stabilization Group Injection of DEHA into critic	and 1 pipe	Manpower: Re iene tanks in Blo fitter on day and Special Equipr	sponder sponder Assign ocks 3, 5, 8, 1 d night.	Electrician-Nigh	erial; 2 day teams a	1 e	ach	eams
Tank Stabilization Group  Tank Stabilization Group  Injection of DEHA into critical along with a 1 electrician a electrician with a 1 electrician and electric	rounding	Manpower: Re iene tanks in Blo fitter on day and  Special Equipr  Special S structures.	sponder sponder Assign ocks 3, 5, 8, 1 d night. ment / Suppli	Electrician-Nigh	erial; 2 day teams a	1 e	ach	
Tank Stabilization Group  Tank Stabilization Group  Injection of DEHA into critical along with a 1 electrician a  Injection Kit for each team  Maintain awareness to sur  Monitor air quality while perlimit.	rounding	Manpower: Re iene tanks in Blo fitter on day and  Special Equipr  Special S structures. task. Immediate	sponder sponder  Assign  ocks 3, 5, 8, 1 d night.  ment / Suppli ite-Specific selly put on responder	Electrician-Night  Inments  I 3; to help stabilize material in the sta	erial; 2 day teams a	1 e	ach	
Tank Stabilization Group  Tank Stabilization Group  Injection of DEHA into criticalong with a 1 electrician a  Injection Kit for each team  Maintain awareness to sur  Monitor air quality while perlimit.	rounding	Manpower: Re iene tanks in Blo fitter on day and  Special Equipr  Special S structures. task. Immediate	sponder sponder  Assign  ocks 3, 5, 8, 1 d night.  ment / Suppli ite-Specific selly put on responder	Electrician-Night  Inments  I 3; to help stabilize material in the sta	erial; 2 day teams a	1 e	ach	
Tank Stabilization Group  Tank Stabilization Group  Injection of DEHA into criticalong with a 1 electrician and Injection Kit for each team  Maintain awareness to sur  Monitor air quality while perlimit.  Immediately report safety in Stay hydrated.	rounding arrounding arrounding arrounding arrounding arrows arrow	Manpower: Re iene tanks in Blo fitter on day and  Special Equipr  Special S structures. task. Immediate and concerns to	sponder sponder  Assign  ocks 3, 5, 8, 1 d night.  ment / Suppli ite-Specific selly put on responder	Electrician-Night  Inments  I 3; to help stabilize material in the sta	erial; 2 day teams a	1 e	ach	
Tank Stabilization Group  Tank Stabilization Group  Injection of DEHA into criticalong with a 1 electrician and Injection Kit for each team  Maintain awareness to sur  Monitor air quality while perlimit.  Immediately report safety in Stay hydrated.	rounding arrounding arrounding arrounding arrounding arrows arrow	Manpower: Re iene tanks in Blo fitter on day and  Special Equipr  Special S structures. task. Immediate and concerns to	sponder sponder  Assign  ocks 3, 5, 8, 1 d night.  ment / Suppli ite-Specific selly put on responder	Electrician-Night  Inments  I 3; to help stabilize material in the sta	erial; 2 day teams a	1 e	ach	
Tank Stabilization Group  Tank Stabilization Group  Injection of DEHA into criticalong with a 1 electrician a	rounding arounding aroundi	Manpower: Re iene tanks in Blo fitter on day and  Special Equipr  Special S structures. task. Immediate and concerns to	sponder sponder  Assign  ocks 3, 5, 8, 1 d night.  ment / Suppli ite-Specific selly put on responder	Electrician-Night  Inments  I 3; to help stabilize material in the sta	nment adings above the ai	1 e	nitoring a	



ICS 204 - Assignment List	Task Force: TF-Outfall 201
Incident Name: South 4 Group Fire	Period: Period 13 [12/12/2019 06:00 - 12/14/2019 06:00]

Operations Personnel						
Position	Name	Affiliation	Contact Number(s)	Work Shift		
Operations Section Chief	Carlton, Doug	TPC Group	(b) (6)	2nd Shift		
Operations Section Chief	Lynn, Mike			1st Shift		
Protection and Recovery Branch Director	Blanchard, Cory	Clean Harbors Environmental Service Inc. (CHES)	337-321-2948	Day Shift		
Task Force Leader	Garcia, Thomas	Clean Harbors Environmental Service Inc. (CHES)	(b) (6)	Day Shift		

## Resources Required

Area Of Operation	Resource Kind	Description	Quantity	Size	
TF-Outfall 201	Vacuum Truck	Vacuum Truck w/Carbon Filter	1 each	barrel (s)	
TF-Outfall 201	Wash Pump	Wash Pump	2 each	2 inch (es)	
TF-Outfall 201	Frac Tank	Frac Tank w/ Carbon System	1 each	bbls	
TF-Outfall 201	Boom	Boom	100 feet	18 inch (es)	
TF-Outfall 201	Vac Truck Operator	Vac Truck Operator	2 each		

# **Assignments**

Task Force-Outfall 201 will be working in Block 1.

Contain spilled material in the pit and recover with drum skimmer and offload to vacuum truck. Continue operations during night shift if needed.

Perform continuous air monitoring and communicate changes in environmental conditions with Group Supervisor.

Be aware of weather constraints and adjust accordingly based on conditions and operational parameters of skimming equipment. If weather deteriorates to an unsafe condition proceed to nearest safe area. Communicate changes in condition to Group Supervisor.

Offload recovered product to storage assets as needed. Follow Waste Management Plan and coordinate with Waste Management Group Supervisor as required.

Upon completion of assigned task, follow Decontamination Plan to implement decontamination procedures.

Report all wildlife impacts to supervisor immediately.

## Special Instructions

Use proper PPE and maintain communications at all times.

Report any oiled or distressed wildlife to 409-239-4725.

#### **DEMOBILIZATION:**

For personnel LEAVING the incident and NOT coming back, please call 713-748-9108 upon safe return home.

ICS 204 - Assignment List			Updated 12/09/2019 10:50 UTC -6:00
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ICS 204 - Assignment List	Task Force: TF-Outfall 201		
Incident Name: South 4 Group Fire	Period: Period 13 [12/12/2019 06:00 - 12/14/2019 06:00]		

## Special Environmental Considerations

Collect runoff utilizing the minimizing hierarchy: Pump to JWWTP utilizing diesel pumps; contain runoff onsite, if threat of breach establish response collection of water in frac tanks or other containment, boom outfalls to capture floating hydrocarbon, establish testing plan for sampling water to include volatiles, semi-volatiles, TOC, test for fire retardant constituents, PFAS, pH.

Contact the Wildlife Hotline at 409-239-4725 by call or text and provide where, what and when the wildlife was observed. If an alligator wis spotted:

- 1. Leave the alligator in place.
- 2. Maintain visual.
- 3. If alligator displays aggressive behavior and safety becomes an issue, notify Safety Officer immediately.

# Special Site-Specific Safety Considerations

Wear Level D PPE.

Be aware of wildlife while working around/near water and high grassy areas.

Steep embankments may exist around waterways.

Wear flotation device within 3' of bodies of water (canals, deep ditches, etc.).

Monitor air quality. Immediately leave area with readings elevated above the action limit.

Immediately report safety incidents and concerns to your supervisor.

Stay hydrated.

ICS 204 - Assignment List			Updated 12/09/2019 10:50 UTC -6:00
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ICS 204 - Assignment List

ICS 204 - Assignment List	Group: Waste Management Group
Incident Name: South 4 Group Fire	Period: Period 13 [12/12/2019 06:00 - 12/14/2019 06:00]

Operations Personnel						
Position	Name	Affiliation	Contact Number(s)	Work Shift		
Operations Section Chief	Carlton, Doug	TPC Group	(b) (6)	2nd Shift		
Operations Section Chief	Lynn, Mike			1st Shift		
Protection and Recovery Branch Director	Blanchard, Cory	Clean Harbors Environmental Service Inc. (CHES)	337-321-2948	Day Shift		
Supervisor	Blanchard, Cory	Clean Harbors Environmental Service Inc. (CHES)	337-321-2948			

## Resources Required

Area Of Operation	Resource Kind	Description	Quantity	Size
Waste Management Group	Frac Tank	Frac Tank	16 each	bbls
Waste Management Group	Roll Off	Roll Off	17 each	feet
Waste Management Group	Manpower: Responder	Waste Specialist	3 each	

## **Assignments**

All waste collection activities will be conducted in accordance with Waste Management Plan, which will be approved for this task and established Federal, State and Local regulations.

Waste characterization and profile will continue at each collection site.

Full Rolloff boxes are held at TPC Docks Staging area, others are kept on Hwy 366 along the road and at Huntsman Starlake Lift Station (where Div B and E join).

Frac tanks are on Hwy 366, 4 are at the TPC Docks.

Personnel will utilize roll off boxes and frac tanks to contain recovered waste.

Clean Harbors will provide information tracking, e.g. bills of lading, for waste types and volumes by collected location.

Segregate waste by their respective waste streams as necessary:

- -Oily liquids (free floating oil, oil emulsions, decon wash water)
- -Oily Solids (sand, vegetation, absorbents, ppe, debris)
- -Non-Oiled Solids (general trash)
- -Recyclables

### Special Instructions

Use proper PPE and maintain communications at all times.

Report any oiled or distressed wildlife to 409-239-4725.

## **DEMOBILIZATION:**

For personnel LEAVING the incident and NOT coming back, please call 713-748-9108 upon safe return home.

## Special Environmental Considerations

Follow approved Waste Plan for the collection of waste for proper disposal.

If wildlife is spotted, contact the Wildlife Hotline at 409-239-4725 by call or text and provide where, what and when the wildlife was observed.

If an alligator wis spotted:

- 1. Leave the alligator in place.
- 2. Maintain visual.
- 3. If alligator displays aggressive behavior and safety becomes an issue, notify Safety Officer immediately.

ICS 204 - Assignment List		Updated 12/09/2019 15:36 UTC -6:00		
INCIDENT ACTION PLAN SOFTWARE™	Printed 12/11/2019 16:40 UTC -6:00	49 of 104	© TRG	

ICS 204 - Assignment List	CS 204 - Assignment List Group: Waste Management Group					
Incident Name: South 4 Group Fire		Period: Period 13 [12/12	/2019 06:00 - 12/14/2019 06:00]			
Specia	Site-Specific S	Safety Considerations				
Wear Level B PPE and SCBA while collecting ha	zardous materia	ıl.				
Be aware of wildlife while working around/near w	Be aware of wildlife while working around/near water and high grassy areas.					
Ensure immediate, proper labeling of waste.	Ensure immediate, proper labeling of waste.					
Monitor air quality while disposing of material. We	ear full Tyvek su	it and SCBA for ACM pickup.				
Wear chemical gloves and clothing appropriate for	or task and haza	rds for non-hazardous waste.				
Immediately report safety incidents and concerns	to your supervi	sor.				
Stay hydrated.						
ICS 204 - Assignment List			Updated 12/09/2019 15:36 UTC -6:00			
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ICS 2	05 - Radio Co	ommunications							Version Name: Period 13
Inciden	t Name: South 4	Group Fire				Period: Period 13 [12/12/2019 06:00 - 12/14/2019 06:00]			
				Radio Cha	nnel Informa	tion		T	
Ch #	Function	Channel Name/ Trunked Radio System Talkgroup	Assignment	Rx Freq N/W	Rx Tone/NAC	Tx Freq N/W	Tx Tone/NAC	Mode	Remarks
1	Safety/OPS	Safety/OPS	Fire Suppression Group Incident Command Post - Holiday Inn Staging - 366 Incident Command FOB - ONSC Staging - Gate #15 Staging - TPC Docks						
4	Multiagency Radio	Multiagency Radio	Fire Suppression Group						
			are passing over the rad	io					
CS 205 - Radio Communications									
ICS 20	5 - Radio Comm	nunications					Prepared By	IAP Supp	oort, Updated 12/11/2019 10:03 UTC -6:00 PP

ICS 205a - Commun	ications List			Version	Name: CIR Distribution List - Period 1		
Incident Name: South	n 4 Group Fire			Period: Period 13 [12/12/2019 06:00 - 12/14/2019 06:0			
		Local	Communications	Information			
Name	Incident Assigned Position	Mobile Phone	Work Phone	Email	Notes		
Biggs, Heather		832-374-3925		heather.biggs@tpwd.texas.gov			
Branick, Jeff		(b) (6)			Group Text Communication - Jefferson County Judge		
Gelino, Derrick		(b) (6)					
Iseton, Claire		713-859-5986		claire.iseton@tpwd.texas.gov			
Nelson, Paul		(b) (6)	409-722-5885		Port Neches Fire Chief		
Stegall, Michael		(b) (6)	409-719-4273	mstegall@ci.port-neches.tx.us	Port Neches Assistant Fire Chief		
Young, Patrick		214-577-3506		pay9@cdc.gov	Capt. Patrick Young		
Fisher, Bray	Deputy Federal OSC	469-510-8825					
Patel, Anish	Deputy Federal OSC	469-510-9721		patel.anish@epa.gov	Communication as needed - Day Shift		
Sharpe, Randall	Deputy Operations Section Chief	(b) (6)		randall.sharpe@tpcgrp.com			
Monk, Troy	EOC Manager Day	(b) (6)		troy.monk@tpcgrp.com	All Communication forms - Day Shift		
Wright, Mike	EOC Manager Night	(b) (6)		michael.wright@tpcgrp.com	All Communication forms - Night Shift		
Adams, Adam	Federal OSC	214-202-6952			Communication as needed - Day Shift. On call at night		
Rouse, Philip	Federal OSC Night	469-431-8856		Rouse.philip@epa.gov	Email Communication - Nigh Shift		
McDonald, Scott	Incident Commander Day	(b) (6)		scott.mcdonald@tpcgrp.com			
Hollier, Kurt	Incident Commander Night	(b) (6)		kurt.hollier@tpcgrp.com			
Brechtel, Joseph	Liaison Officer	(b) (6)		Scott.Brechtel@tpcgroup.com	All Communication forms- Rotating		
Jaschek, Rebecca	Liaison Officer	(b) (6)		becky.jaschek@tpggroup.com	All Communication forms - Rotating		
Sanders, Jason	Liaison Officer Day	(b) (6)		jason.sanders@tpcgrp.com	All Communication forms - Rotating		
White, Michael	Local Government OSC	(b) (6)			Group Text Communication - Jefferson County OEM		
Grimm, Robert	Local Government OSC	(b) (6)			Group Text Communication - Jefferson County OEM		
ICS 205a - Commun	ications List			Prepared By IAP Suppor	t, Updated 12/11/2019 10:05 UTC -6:00 P		
INCIDENT ACTION PLAN S	OFTWARE™ Printe	ed 12/11/2019 16:40 UTC	-6:00	53 of 104	© TRO		

ICS 205a - Comm	unications List			Version Name: CIR Distribution List -			
Incident Name: So	uth 4 Group Fire		Period: Period 13 [12/12/2019 06:00 - 12/14/2019				
Local Communications Information							
Name	Incident Assigned Position	Mobile Phone	Work Phone	hone Email Notes			
Lynn, Gordon	Operations Section Chief Day	(b) (6)		gordon.lynn@tpcgrp.com			
Carlton, Doug	Operations Section Chief Night	(b) (6)		doug.carlton@tpcgrp.com	All Communication forms - Night Shift		
Layton, Jillian	State OSC	409-728-3975	409-728-3975	Jillian.Layton@tceq.texas.gov	Email and Group Text Communication - Night Shift		
Davila, Hope	State OSC Day	409-791-7296		Hope.Davila@tceq.texas.gov	Email and Group Text Communication - Day Shift		

Sarah.Kirksey@tceq.texas.gov

State OSC Night (On-Call)

409-898-3838

Kirksey, Sarah

ICS 205a - Communications List		Prepared By IAP Su	pport, Updated 12/11/2019 10:05 UTC -6:00 PP
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ICS 206 - Medical Plan	206 - Medical Plan						Version Name: Period 13								
Incident Name: South 4	Group Fi	re				Pe	riod: Per	iod	13 [12/12	2/201	9 06:00 - 1	2/14	/2019	06:00]	
				Medic	cal A	id Stations	\$	•							
Name			Locatio	on					ramedic On Site	Pho.	ne		Re	ndio	
First Aid Resources - Blo	ck 1		29.977	444, -93.9455	33										
First Aid Resources - Ga	te 15		29.981	522, -93.9522	18								$\perp$		
		Tra	nsport	tation (Ground	d and	l/or Air Am	bulance	Se	rvices)						
Ambulance Service			Location				Phone				Radio	_	Air	ALS	
Acadian Ambulance - Po (409-980-7740)	ort Arthur			rthur, TX					80-7740		800 Meg System		X	x	
Beaumont EMS				nont, TX					80-3901		155.340	_	<u></u>	x	
Southeast Texas Air Res	scue		Beaum	North St #408 nont, TX 77702 1174, -94.1265		9999982	Ph1: 40	9-9	24-9262				X		
					Hos	pitals									
Hospital	Locatio	on		Phone	R	adio	Air Travel Grou Time Travel				Trauma Center	Heli	ipad	Burn Center	
UTMB Galveston  301 University Blvd Galveston, 77755 29.312199, -94.77902						auto mine mavern				I	x		x		
The Medical Center Of Southeast Texas	Johnso Port Ar 77640	2555 Jimmy Johnson Blvd Port Arthur, TX 77640 29.934952,		409-853-5900	)						IV	x			
Baptist Beaumont Hospital	3080 C Street Beaum 77701 30.068 -94.120	iont, ∃ 474,		409-212-5012	2						≡	x			
Christus Southeast Texas - St Elizabeth	2830 C Avenue Beaum 77702 30.085 -94.13	e iont, 7 583,		409-892-7171							II	x			
ICS 206 - Medical Plan							-	-	P Support,	Updat	ed 12/11/201	9 10:0	o2 UTC		
INCIDENT ACTION PLAN SOFT	Printed 12/11/2019 16:40 UTC -6:00					<u></u>	55 of 10	14		1				© TRG	

ICS 206 - Medical Plan	Version Name: Period 13
Incident Name: South 4 Group Fire	Period: Period 13 [12/12/2019 06:00 - 12/14/2019 06:00]

## Special Medical Emergency Procedures

911 ops not impacted by incident, call 911 for medical response as normal

Contact Info:

EMS Group Supervisor: Eddie Burleigh 337-278-1268 Acadian Ambulance - Port Arthur (409-980-7740)

EMS Deputy Group Supervisor: Monica Birdsong 409-201-9403 Acadian Ambulance - Port Arthur (409-980-7740)

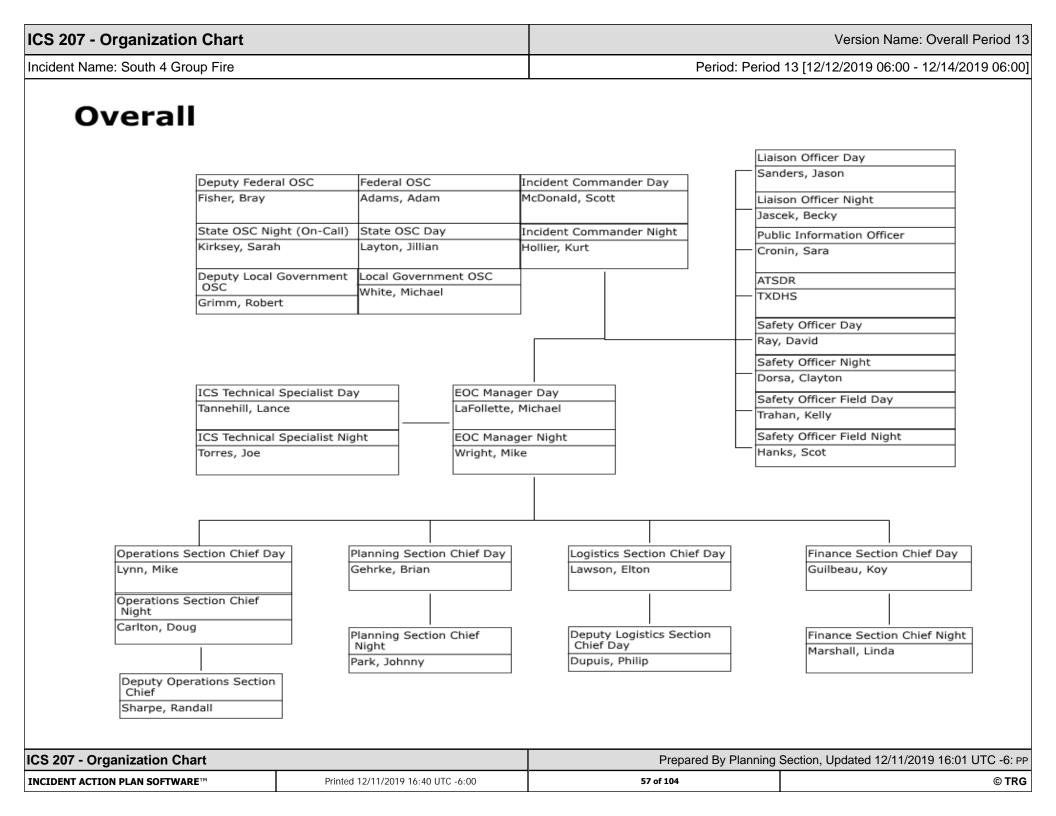
EMS Deputy Group Supervisor: Andrew Tucker (b) (6) Acadian Ambulance - Port Arthur (409-980-7740)

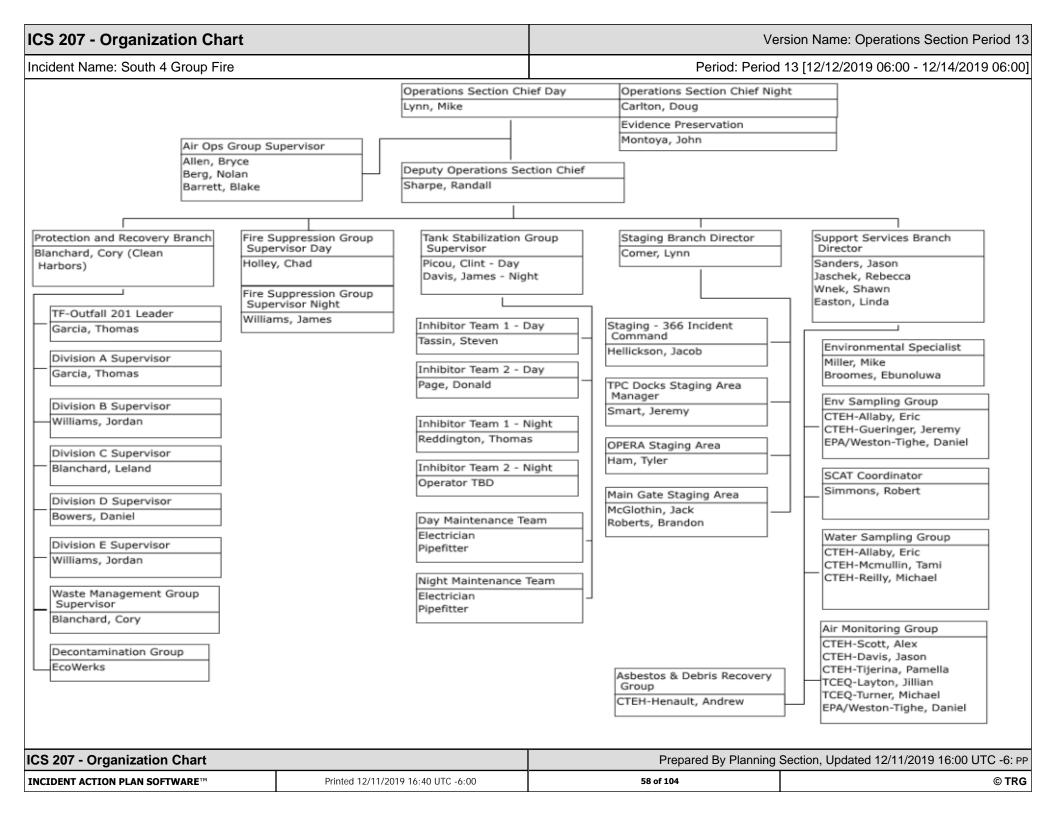
## **EMERGENCY MEDICAL PROCEDURES**

In the event of a medical emergency provide the following information to the Communications Unit.

- 1. Declare the nature of the emergency.
  - Medical injury/illness?
  - If injury/illness, is it Life Threatening?
- 2. If Life Threatening, then request that the designated frequency be cleared for emergency traffic.
- 3. Identify the on-scene Point of Contact (POC) by Resource and Last name.
- 4. Identify nature of incident, number injured, patient assessment(s) and location (geographic and GPS coordinates).
- 5. Identify on-scene medical personnel by position and name.
- 6. Identify preferred method of patient transport.
- 7. Request any additional resources and/or equipment needed.
- 8. Document all information received and transmitted on the radio or phone.
- 9. Identify any changes in the on-scene Point of Contact or medical personnel as they occur.

ICS 206 - Medical Plan		Prepared By IAP Support, I	Jpdated 12/11/2019 10:02 UTC -6:00 PP
INCIDENT ACTION PLAN SOFTWARE™	Printed 12/11/2019 16:40 UTC -6:00	56 of 104	© TRG





ICS 2	208 -	Site Safety P					V	ersion	Name: 11/28/19 - S	ite Safety Plan		
Incide	nt Nar	ne: South 4 Grou	ıp Fire					Period: Pe	eriod 1	3 [12/	12/2019 06:00 - 12/	14/2019 06:00]
Applie	s to S	ite: Onsite										
						Site Chara	cterizat	ion				
Wate	r		Lan	d				Weather				
Wave	Heigh	nt	Land	d Use				Air Temp	)	72 Fa	hrenheit	
Spee	d							Wind Spe	eed	15 m	oh	
Direc	tion							Direction	1	NNE		
						Site H	azards					
Yes	No	Hazards		Yes	No	Hazards			Yes	No	Hazards	
	X	Boat Safety		x		Heat Stres	SS		x		Steam and Hot Wa	ater
X		Chemical Hazaı	rds		x	Helicopter	Operati	ions		X	Trenching/Excavat	ion
	X	Cold Stress		X		Lifting				X	UV Radiation	
	X	Confined Space	s	X		Motor Veh	nicles		x		Visibility	
	X	Drum Handling		x		Noise			X		Weather	
x		Equipment Ope	rations	x		Overhead	/Buried	Utilities	x		Work Near Water	
	x	Electrical Opera	itions	x		Plants/Wil	dlife		x		Nuclear Sources	
X		Fatigue		X		Pump Hos	se					
x		Fire, Explosion, Burning	In-situ	X		Slips, Trip	s, and F	alls				
					 Air Monito	ring Lin	nits					
Oxygen Level 1,3-Butadiene									0.2ppm 5 min			
LEL	LEL 1% 1			in Butane				500рр	m 5 min	Particu	late Matter	351ug/m3 5 min
Hydro	gen S	ulfide		Carbon Dioxide				5000pp	m 5 min	Total V	OCs	0.5ppm 5 min
Benze	ene		0.5ppm 5 m	in Ca	rbon M	lonoxide		25ppm 5	min			
Total	Hydro	carbons		LE	L (action	on)		5% 1	min			
						Engineerin	g Conti	rols				
	Sourc	e of release secu	ured		Valve	(s) closed				Energ	gy sources locked/ta	gged out
x	Site s	ecured		x	Facili	ty shut dow	'n					
				Pers	sonal I	Protective	Equipm	ent Requ	ired			
	Imper	vious suit		x	Hard	hats			X	Boots	3	
	Inner	gloves		x	Resp	irators			X	Bunk	er Gear	
X		gloves		X	<u> </u>	rotection			X	SCBA	A - Fresh Air	
x	Flame	e resistant clothin	ıg			onal flotation						
				Add		Control M	leasures	s Establis	hed			
X		ntamination		X		nation					ional stations establ	ished
x Sanitation									x	Facili	ties provided	
Work							Plan					
X	Boom					vation				Hot w		
X	Skimr			X		y equipmer	nt			Appro	priate permits used	
X	Vac tı				_	ent pads						
x	Pump	ping			Patch	ning						
ICS 2	08 - Si	te Safety Plan					Prepare	ed Bv Planr	nina Pla	anning	Updated 12/08/2019	04:00 UTC -6 PP
		ION PLAN SOFTWARE	12/11/20	19 16:40	UTC -6:00	. repair	59 of	-	9,	12.2.2.2.10	© TRG	

ICS	208 - Site Safe	ty Plan		Version Name: 11/28/19 - Site Safety Plan									
Incid	ent Name: South 4	Group Fire			Period: Period 13 [12/12/2019 06:00 - 12/14/2019 06:00								
				Trai	ning								
x	Verified site work regulatory require	ers trained per loc ements	al/fed	leral <b>Training Requirem</b>	ents	Annual Em	ergency	/ Respon	se Trainin	g			
				Organ	izatio	on							
Posi	tion	Name	7	elephone/Radio	Posi	tion	I	Vame		Telephone/Radio			
Incid	ent Commander	McDonald, Scott	(t	0) (6)	Ope Chie	rations Sectio f	n L	ynn, Gor	don	(b) (6)			
Safe	y Officer	Clifton, Chrisy	<u>(</u> t	0) (6)									
	_			Emerge		Plan							
	Fire Prevention P	Plan	x	Evacuation Plan									
	Alarm System		X	First Aid Locatio									
				Notific	cation					1_,			
	Facility	14 11 10 1		Phone		Facility	ĺ	D (N)		Phone			
X	Hospital	Medical Center SETX	of	409-853-5900	De			Port Nec Departm		409-853-5900			
x	Ambulance	Acadian EMS		409-980-7740		Law Enforcemer	nt						
X	Air Ambulance	Acadian AirMed	b	409-980-7740	Emergency Response/Rescu								
				Initial L	Briefi	1							
П	Initial safety briefi	ing prepared for e	ach si			9							
	,	<u> </u>		Attachments	s/App	endices							
Atta	chment			Filename									
TPC.	Boom Placement	Imagery.PNG.png	]	TPC_Boom Pla	ceme	nt Imagery.po	df						
ICS 2	208 - Site Safety P	lan			Prep	ared By Plann	ing Plan	ning, Upda	ated 12/08/	2019 04:00 UTC -6 PP			
INCID	ENT ACTION PLAN SOF	TWARE™ Printed 1	019 16:40 UTC -6:00		60 of 1	L04			© TRG				

ICS 2	208 -	Site Safety P						Ve	rsion Name: 11/29/	19 - Staging 15		
Incide	nt Nar	me: South 4 Grou	ıp Fire					Period: Pe	eriod 1	3 [12/·	12/2019 06:00 - 12/	/14/2019 06:00]
Applie	s to S	ite: Staging 15										
						Site Chara	cterizat	tion				
Wate	r		Land	d				Weather				
Wave	Heigl	nt	Land	d Use				Air Temp	)	72 Fa	hrenheit	
Spee	d							Wind Sp	eed	15 m	oh	
Direc	tion							Direction	1	NNE		
						Site H	azards					
Yes	No	Hazards		Yes	No	Hazards			Yes	No	Hazards	
	x	Boat Safety			x	Fire, Explo	osion, Ir	n-situ		X	Pump Hose	
x		Chemical Hazar	ds	х	$+$ $\Box$	Heat Stres	SS		х		Slips, Trips, and F	alls
	x	Cold Stress			x	Helicopter		ions		x	Steam and Hot W	
	x	Confined Space	:S		x	Lifting				x	Trenching/Excava	
						Motor Veh	nicles			x	UV Radiation	
x   Equipment Operations     x   Noise						Noise			х		Visibility	
	x	Electrical Opera	itions		x	Overhead	ead/Buried Utilities x Weather					
x	x   _   Fatigue   x   _   Plants/V											
	Air Mon						ring Lin	nits		•		
Oxyge	en Lev	el		1,3	3-Butac	liene		0.5ppm 5	min 1	Vitroge	n Dioxide	0.2ppm 5 min
LEL	LEL 1% 1 min			n Bu	tane		500ppm 5min Particulat				late Matter	351ug/m3 5 min
Hydro	gen S	ulfide		Ca	rbon Dioxide 5000pp				m 5 min	Γotal V	OC	5ppm 5min
Benze	ene			Ca	rbon M	lonoxide	25ppm 5min					
Total	Hydro	carbons		LE	L ACT	ION		5% 1	min			
						Engineerin	g Cont	rols				
	Sourc	ce of release secu	ured		Valve	e(s) closed				Ener	gy sources locked/t	agged out
x	Site s	ecured		X	Facili	ty shut dow	'n					
				Pers	sonal l	Protective	Equipm	ent Requ	ired			
	Impe	vious suit		X	Hard	hats			X	Boots	3	
		gloves		X	<u> </u>	irators			x	SCBA	4	
x		gloves		X		rotection						
X	Flame	e resistant clothin	g	X		onal flotatio						
	1_				1	Control M	leasure	s Establis	hed			
X		ntamination		X		nation				-	ional stations estab	lished
x Sanitation									х	Facili	ties provided	
	<u> </u>				T_		Plan			I		
$\mathbb{H}$	Boom			$\square$		vation	. 1			Hot w		.1
	Skimi			X		y equipmer	π			Appro	opriate permits use	a
$\mathbb{H}$	Vac t				_	ent pads						
	Pump	miy		ΙШ	Patch	ııı ıy						
ICS 2	08 - Si	ite Safety Plan					Prepare	ed By Planr	ning Pla	anning,	Updated 12/08/2019	04:02 UTC -6 PP
INCIDE	INCIDENT ACTION PLAN SOFTWARE™ Printed 12/11/2019 16:40 UTC -6:00							61 of	104			© TRG

ICS	208 - Site Safe	ty Plan		Version Name: 11/29/19 - Staging 15								
Incide	ent Name: South 4	Group Fire			Period: Period 13 [12/12/2019 06:00 - 12/14/2019 06:00]							
				Trai	ning							
x	Verified site work regulatory require		cal/fe	deral <b>Training Requirem</b>	nents	Annual Em	ergend	y Response T	Fraining			
				Organ	izatio	n						
Posit	ion	Name	•	Telephone/Radio	Posi	tion		Name	-	Telephone/Radio		
Incide	ent Commander	McDonald, Scott	t		Incid	ent Comman	der	Hollier, Kurt	(	b) (6)		
Safet	y Officer	Clifton, Chrisy	(	b) (6)	Safe	ty Officer		Dorsa, Clayto	n (	b) (6)		
Opera Chief	ations Section	Lynn, Gordon		b) (6)	Oper Chie	ations Section	on	Park, Johnny		b) (6)		
				Emerge	ncy P	lan						
	Fire Prevention P	lan	x	Evacuation Plan								
	Alarm System		X	First Aid Locatio	l l							
				Notific	cation	s						
	Facility			Phone		Facility				Phone		
x	Hospital	Medical Cente SETX		409-853-5900	X	Fire		Port Neches Department	Fire	409-853-5900		
x	Ambulance	Acadian Ambu	lance	800-259-1111	Law Enforcement							
X	Air Ambulance	Southeast Tex Rescue	as Air		Emergency Response/Rescu e							
					Briefii	1						
	Initial safety briefi	ng prepared for e	ach s			·9						
					I							
	08 - Site Safety P		10/10/	040.47.40.1170	Prep	-	-	nning, Updated	12/08/20	19 04:02 UTC -6 P		
INCID	ENT ACTION PLAN SOF	TWARE™ Printed	12/11/2	019 16:40 UTC -6:00		62 of :	104			© TR		

ICS 2	208 -	Site Safety P	lan								Version	on Name: 12/06/19	- Dock Staging
Incide	nt Nar	me: South 4 Grou	ıp Fire						Period: Pe	eriod '	13 [12/ <sup>-</sup>	12/2019 06:00 - 12/	14/2019 06:00]
Applie	s to S	ite: Staging 15											
						Į.	Site Chara	cterizat	tion				
Wate	٢		Land	d					Weather				
Wave	Heigl	nt	Land	d Us	е				Air Temp	)	79 Fa	hrenheit	
Spee	d								Wind Sp	eed	11 m <sub>l</sub>	ph	
Direc	tion								Direction WNW				
							Site H	azards					
Yes	No	Hazards		Yes	<b>S</b>	No	Hazards			Yes	No	Hazards	
	X	Boat Safety				X	Fire, Explo	osion, In	n-situ		X	Pump Hose	
x		Chemical Hazai	rds	x			Heat Stres	SS		x		Slips, Trips, and F	alls
	x	Cold Stress				X	Helicopter	Operat	ions		x	Steam and Hot Wa	ater
	x	Confined Space	es			x	Lifting				x	Trenching/Excava	tion
	x	Drum Handling		x			Motor Veh	nicles			x	UV Radiation	
x		Equipment Ope	rations	X			Noise			х		Visibility	
	x	Electrical Opera	ations			X	Overhead	/Buried	Utilities	х		Weather	
x		Fatigue		x			Plants/Wil	dlife			x	Work Near Water	
						Air Monito	ring Lin	nits		•			
Oxyge	en Lev	rel		1,	3-B	utad	iene		0.5ppm 5	min	Nitroge	n Dioxide	0.2ppm 5 min
LEL	LEL 1% 1 mir			n Butane				500ppm 5min P			Particu	late Matter	351ug/m3 5 min
Hydro	gen S	ulfide		С	Carbon Dioxide				5000ppm 5 min			OC	5ppm 5min
Benze	ene			С	arbo	on M	onoxide	25ppm 5min					
Total	Hydro	carbons		LI	EL A	ACTI	ON		5% 1	min			
						ı	Engineerin	g Cont	rols	•			
	Sourc	ce of release secu	ured		V	'alve	(s) closed				Energ	gy sources locked/ta	agged out
x	Site s	ecured		X	F	acilit	y shut dow	'n					
	•			Pe	rsoi	nal F	Protective	Equipm	ent Requ	ired	•		
	Impe	rvious suit		x	Н	lard	hats			x	Boots	3	
	Inner	gloves		x	R	Respi	rators			x	SCBA	4	
x	Outer	gloves		X	E	ye p	rotection						
x	Flame	e resistant clothin	ng	X	Р	erso	nal flotatio	n					
				Ad	ditio	onal	Control M	leasure	s Establis	hed			
X	Deco	ntamination		X	III	lumir	nation				Addit	ional stations estab	lished
x Sanitation						al surveilla	nce		x	Facili	ties provided		
Work							Plan						
	Boom				E	xcav	ation /				Hot w	ork .	
	Skimi			X			y equipmer	nt			Appro	opriate permits used	t
	Vac t				_		ent pads						
	Pump	ping			P	atch	ing						
ICS 2	08 - Si	ite Safety Plan						Prepare	ed By Planr	ning Pl	anning,	Updated 12/08/2019	04:08 UTC -6 PP
INCIDENT ACTION PLAN SOFTWARE™ Printed 12/11/2019 16:40 UTC -6:00									63 of	-			© TRG

ICS	208 - Site Safe	ty Plan				,	Version Name	e: 12/06/	19 - Dock Staging			
Incide	ent Name: South 4	Group Fire			Period: Period 13 [12/12/2019 06:00 - 12/14/2019 06:00]							
				Trai	ning							
x	Verified site work regulatory require		cal/fe	deral <b>Training Requirem</b>	nents	Annual Em	ergenc	y Response	Training			
				Organ	izatio	n						
Posit	ion	Name		Telephone/Radio	Posi	tion		Name	-	Telephone/Radio		
Incide	ent Commander	McDonald, Scott	t		Incid	ent Comman	der	Hollier, Kurt	(	b) (6)		
Safet	y Officer	Clifton, Chrisy	(	b) (6)	Safe	ty Officer		Dorsa, Clayto	on (	b) (6)		
Opera Chief	ations Section	Lynn, Gordon		b) (6)	Oper Chie	ations Section	on	Park, Johnny		b) (6)		
				Emerge	ncy P	lan						
	Fire Prevention P	lan	x	Evacuation Plan								
	Alarm System		x	First Aid Locatio	cation							
				Notific	cation	s						
	Facility			Phone		Facility				Phone		
x	Hospital	Medical Center SETX		409-853-5900	X	Fire		Port Neches Department	Fire	409-853-5900		
x	Ambulance	Acadian Ambu	lance	800-259-1111	Law Enforcement							
X	Air Ambulance	Southeast Tex Rescue	as Air		Emergency Response/Rescu							
					Briefii	1						
	Initial safety briefi	ng prepared for e	ach s			-9						
100.0	00 0:4- 0-4-1-0	lon			P	and Du Di	in a Di	aning that to	140/00/00	40.04.00 LITO 0		
	08 - Site Safety P		12/11/2	019 16:40 UTC -6:00	Frep	ared By Plann 64 of :	-	ining, opdated	12/08/20	019 04:08 UTC -6 PF		
			, 2		1					֥		

ICS 2	208 -	Site Safety P	lan				Version Name: 12/10/19 - Use of Motorized Equipment Safety Plan					
Incide	nt Nar	ne: South 4 Grou	ıp Fire				Period:	Period 1	3 [12/	12/2019 06:00 - 12/14/2019 06:00]		
		ite: Use of Motor		nent in	Facili	ty						
						Site Chara	cterization					
Water	•		Land	d			Weathe	er				
Wave	Heigh	nt	Land	d Use			Air Ten	np				
Speed							Wind S	•				
Direc							Direction	-				
						Site Ha	azards					
Yes	No	Hazards		Yes	No	Hazards		Yes	No	Hazards		
	x	Boat Safety		x		Fire, Explo	osion, In-situ		x	Pump Hose		
x		Chemical Hazar	rds	x		Heat Stres	SS	x		Slips, Trips, and Falls		
	x	Cold Stress			x	Helicopter	Operations		x	Steam and Hot Water		
	x	Confined Space	es		x	Lifting	·		x	Trenching/Excavation		
	x	Drum Handling		x	İΠ	Motor Veh	nicles	+	x	UV Radiation		
x		Equipment Ope	rations	x	$\Box$	Noise		+	x Visibility			
Ħ	x	Electrical Opera		x	$\Box$	Overhead	/Buried Utilities	$+\overline{\Box}$	x	Weather		
x	П	Fatigue			x	Plants/Wil	dlife	$+\overline{\Box}$	x	Work Near Water		
						Air Monito	ring Limits					
Oxyge	en Lev	el	19.5% 21.5			Sulfide		Ī	Γotal H	lydrocarbons		
LEL	LEL 0 Benzene											
						Engineerin	g Controls			·		
	Sourc	e of release secu	ured		Valve	e(s) closed			Energ	gy sources locked/tagged out		
x	Site s	ecured		x	Facili	ty shut dow	'n					
				Pers	onal	Protective I	Equipment Req	uired	<u>'</u>			
	Imper	vious suit		x	Hard	hats		x	Boots	S		
	Inner	gloves		x	Resp	irators		x	Poter	ntial for Resp Prot		
	Outer	gloves		x	Eye p	rotection						
х	Flame	e resistant clothin	ıg		Perso	onal flotation	n					
				Addi	itiona	l Control M	leasures Establ	lished				
x	Decoi	ntamination		x	Illumi	nation		$\Box$	Additi	ional stations established		
x	Sanita	ation			Medi	cal surveilla	nce		Facili	ties provided		
					1	Work	Plan					
	Boom	ing			Exca	vation		x	Hot w	/ork		
	Skimr	ming		x	Heav	y equipmen	nt		Appro	opriate permits used		
x	Vac tı	ucks			Sorbe	ent pads						
x	Pump	ping			Patch	ning						
						Trail	ning					
		ed site workers tra story requirement		cal/fed	eral	Training Requirem	ents					
ICS 2	08 - Si	te Safety Plan					Prepared By C	Chrisy Clif	ton, Up	odated 12/10/2019 10:06 UTC -6:00 PP		
INCIDENT ACTION PLAN SOFTWARE™ Printed 12/11/2019 16:40 UTC -6:00							65	of 104		©TRG		

ICS	208 - Site Safe	ty Plan			Version Name: 12/10/19 - Use of Motorized Equipment Safety Plan								
Incide	ent Name: South 4	Group Fire			Period: Period 13 [12/12/2019 06:00 - 12/14/2019 06:00]								
				Organ	izatio	n							
Posit	ion	Name	7	Telephone/Radio	Posi	tion	٨	lame	Telephone/Radio				
Incide	ent Commander	McDonald, Scott		0) (6)	Ope Chie	rations Section	on F	lolley, Chad	(b) (6)				
Incide	ent Commander	Hollier, Kurt	(!	0) (6)	Ope Chie	rations Section	on V	Villiams, James	(b) (6)				
Safet	y Officer	Clifton, Chrisy	(t	0) (6)									
				Emerge	ncy F	Plan							
x	Fire Prevention P	lan	x	Evacuation Plan	1								
	Alarm System			First Aid Locatio	n								
	•			Notific	otifications								
	Facility			Phone		Facility			Phone				
x	Hospital	Medical Center SETX	r of	409-853-5900	x	Fire		Port Neches Fire Dept	409-853-5900				
x	Ambulance	Acadian EMS		409-980-7740		Law Enforceme		•					
x	Air Ambulance	Acadian Air Me	ed	409-980-7740		Emergency Response/le							
				Initial I	Briefi	ng			<u>.</u>				
	Initial safety briefi	ng prepared for e	ach s	ite									
				Attachments	s/App	endices							
Attac	chment			Filename									
12.10	0.2019 Use of Moto	prized Equipment	Safet	v 12.10.2019 Use	e of M	otorized Equ	ipment S	Safety .docx					
ICS 2	208 - Site Safety P	lan			Pro	epared By Chr	risy Cliftor	n, Updated 12/10/20	19 10:06 UTC -6:00 PP				
	ENT ACTION PLAN SOF		12/11/20	019 16:40 UTC -6:00		66 of	-		© TRG				

ICS 208 - Site Safety Plan					Version Name: 11/29/19 - Electrical Safety Plan										
Incide	nt Nar	ne: South 4	Group F	ire					Period: Pe	eriod 1	3 [12/1	2/2019 06:00	- 12/1	4/2019 06:00]	
Applie	Applies to Site: Electrical Safety Plan														
							Site Chara	cterizat	ion						
Wate	•			Land	d				Weather						
Wave	Heigh	nt		Land	d Use				Air Temp	כ	70 Fa	hrenheit			
Spee	d								Wind Sp	eed	13 mp	oh			
Direc	tion							Direction	1	SE					
							Site H	azards							
Yes	No	Hazards			Yes	No	Hazards			Yes	No	Hazards			
	x	Boat Safet				x	Fire, Explo Burning		-situ		x	Pump Hose			
X		Chemical I			x		Heat Stre	SS		X		Slips, Trips, a			
	X	Cold Stres				x	Helicopte	r Operati	ions		X	Steam and Ho			
	X	Confined S	•			x	Lifting				x	Trenching/Exc	cavat	ion	
	x	Drum Han	dling		x		Motor Veh	nicles			x	UV Radiation			
	x	Equipment	t Operati	ons	x		Noise				X	Visibility			
	X	Electrical (	Operation	าร	x		Overhead		Utilities	X		Weather			
X		Fatigue			х		Plants/Wil	ldlife			X	Work Near W	ater		
							Air Monito	ring Lin	nits						
<b>—</b>	en Lev	el					Sulfide				Γotal H	ydrocarbons			
LEL					Ве	nzene									
						ı	Engineerin	ng Conti	rols						
	Sourc	e of release	e secure	t		☐ Valve(s) closed					Energ	y sources lock	ed/ta	gged out	
X	Site s	ecured			x		ty shut dow								
	ı				Pers		Protective		ent Requ	ired					
		vious suit			x Flame resistant			clothing	x						
		gloves			x Hard hats						Personal flotation				
X	Outer	gloves				Respirators					x   Boots				
	ı				Add		Control M	leasures	s Establis	hed					
		ntamination					nation			Additional stations established					
	Sanita	ation				Medio	cal surveilla				Facilities provided				
	ı							k Plan							
	Boom				Щ		vation				Hot w				
	Skimr					Heavy equipmer					Appropriate permits used				
	Vac tı						ent pads								
	Pump	ping				Patch									
							1	ning							
		ed site work story require		ed per loc	cal/fed	eral	Training Requirem								
_			1		<u> </u>			ization			I		I_	, ,_	
Positi			Name			•	ne/Radio	Position			Name			phone/Radio	
-		nmander	Hollier,			o) (6)		Safety (			Dorsa, Clayton (b) (6)				
Incide	nt Cor	nmander	McDona	ald, Scott				Operati Chief	ons Section	on	Lynn,	Gordon	(b) (	6)	
ICS 2	08 - Si	te Safety P	lan					Prepa	red By Chi	isy Clif	ton, Up	dated 12/08/201	9 04:3	31 UTC -6:00 PP	
INCIDE	NT ACT	ION PLAN SOF	TWARE™	Printed 1	12/11/20	19 16:40	UTC -6:00		67 of	104				© TRG	

ICS :	208 - Site Safet	y Plan			Version Name: 11/29/19 - Electrical Safety Plan							
Incide	ncident Name: South 4 Group Fire					Period: Period 13 [12/12/2019 06:00 - 12/14/2019 06:00]						
Safet	y Officer (	Clifton, Chrisy	C	0) (6)	Oper Chie	ations Section	on	Carlton, Doug	(b) (6)			
				Emerge	ncy F	lan						
	Fire Prevention Plan	an	x	Evacuation Plan	1							
	Alarm System		x	First Aid Location	n							
				Notific	cation	s			_			
	Facility			Phone		Facility		1	Phone			
x	Hospital	Medical Cente Southeast Te		409-853-5900	x	Fire		Port Neches Fire Department	409-853-5900			
x	Ambulance	Acadian EMS		409-980-7740		Law Enforceme	nt					
x	Air Ambulance	Acadian AirM	ed	409-980-7740		Emergency Response/						
						е						
				Initial I	Briefil	ng						
	Initial safety briefin	ig prepared for	eacn si	te								
ICS 2	08 - Site Safety Pla	an			Pre	epared Bv Chr	isy Clift	on, Updated 12/08/201	9 04:31 UTC -6:00 PP			
	ENT ACTION PLAN SOFT		1 12/11/20	119 16:40 UTC -6:00		68 of		, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,	© TRG			

ICS 208 - Site Safety Plan							Version Name: 11/29/19 - Site Water Safety Plan						
Incident Name: South 4 Group Fire							Period: Period 13 [12/12/2019 06:00 - 12/14/2019 06:00]						
Applie	s to S	ite: Water Sourc	es										
						Site Chara	cterizat	tion					
Wate	·		Lan	d				Weather					
Wave	Heigl	nt	Lan	d Use	•			Air Temp	)	72 Fa	hrenheit		
Spee	d							Wind Sp	eed	15 m <sub>l</sub>	oh		
Direc	tion							Direction	1	NNE			
						azards							
Yes	No	Hazards		Yes	No	Hazards			Yes	No Hazards			
X		Boat Safety			x	Fire, Explo	osion, In	n-situ		x	Pump Hose		
X		Chemical Hazaı	rds	x		Heat Stres	SS		X		Slips, Trips, and F	alls	
	X	Cold Stress			x	Helicopter	Operat	ions		X	Steam and Hot Wa	ater	
	X	Confined Space	es		x	Lifting				X	Trenching/Excava	tion	
X		Drum Handling		x		Motor Veh	nicles			X	UV Radiation		
X		Equipment Ope	rations	X		Noise			X		Visibility		
	X	Electrical Opera	ations		x	Overhead	/Buried	Utilities	X		Weather		
X		Fatigue		X		Plants/Wil	ldlife		X		Work Near Water		
						Air Monito	ring Lin	nits					
Oxyge	en Lev	el		1,	3-Buta	diene		0.5ppm 5 min Nitrogen Dioxide 0.2ppr min				0.2ppm 5 min	
LEL 1% 1 m				in Bu	ıtane			500ppm \$	5min F	Particu	late Matter	351ug/m3 5 min	
Hydro	gen S	ulfide		Ca	arbon [	Dioxide		5000pp	m 5 min	Γotal V	OC	5ppm 5min	
Benze	ene		0.5ppm 5m	nin Ca	arbon N	/lonoxide		25ppm (	5min				
Total	Hydro	carbons		LE	L ACT	ION		5% 1	min				
						Engineerin	ng Cont	rols					
	Sourc	ce of release secu	ured		Valve	e(s) closed				Energ	gy sources locked/ta	agged out	
X	Site s	ecured		X	Facil	ity shut dow	/n						
				Per	sonal	Protective	Equipm	ent Requ	ired				
	Impe	vious suit		x	Hard	hats			X	Boots			
	Inner	gloves			Resp	oirators		x			Escape pack		
X	Outer	gloves		x	Eye	orotection							
X	Flame	e resistant clothin	ng	X	Pers	onal flotatio	n						
				Add	ditiona	I Control M	leasure	s Establis	hed				
X	Deco	ntamination		X	Illum	ination				Addit	onal stations estab	lished	
X	Sanita	ation			Medi	cal surveilla	ince		х	Facili	ties provided		
						Work	Plan						
x Booming					Exca	vation				Hot w	ork		
x Skimming				X	Heav	y equipmer	nt			Appro	opriate permits used	t	
X	Vac t	rucks		X	Sorb	ent pads							
	Pump	ping			Patc	ning							
ICS 2	08 - Si	ite Safety Plan					Prepa	ared By Chr	isy Clif	ton, Up	dated 12/08/2019 04:	32 UTC -6:00 PP	
INCIDENT ACTION PLAN SOFTWARE™ Printed 12/11/2019 16:40 UTC -6:00						69 of 104 © TRG							

ICS	208 - Site Safe	ty Plan			Version Name: 11/29/19 - Site Water Safety Plan							
Incide	ent Name: South 4	Group Fire			Period: Period 13 [12/12/2019 06:00 - 12/14/2019 06:00]							
				Trai	ining							
x	Verified site work regulatory require		cal/fed	deral <b>Training Requiren</b>	Annual Emergency Response Training							
				Organ	nizatio	n						
Posit	ion	Name	7	Telephone/Radio	Posi	tion		Name	Telephone/Radio			
Incide	ent Commander	Hollier, Kurt	(	b) (6)	Incid	ent Comman	der	McDonald, Scott	(b) (6)			
Safet	y Officer	Dorsa, Clayton	(	b) (6)	Safe	ty Officer		Clifton, Chrisy	(b) (6)			
Opera Chief	ations Section	Park, Johnny	(	b) (6)	Oper Chie	ations Section	n	Lynn, Gordon	(b) (6)			
				Emerge	ncy P	lan						
x	Fire Prevention P	Plan	X	Evacuation Plan	1							
	Alarm System		x	First Aid Locatio	n							
				Notific	cation	s						
	Facility			Phone		Facility			Phone			
x	Hospital	Medical Cente SETX		409-853-5900	X	Fire		Port Neches Fire Department	409-853-5900			
x	Ambulance	Acadian Ambu	lance	800-259-1111		Law Enforceme	nt					
X	Air Ambulance	Southeast Tex Rescue	as Air			Emergency Response/le						
				Initial I	Briefii	1						
	Initial safety briefi	ng prepared for e	ach s			·9						
	08 - Site Safety P				Pre	•	-	on, Updated 12/08/2	2019 04:32 UTC -6:00 PP			
INCID	ENT ACTION PLAN SOF	TWARE™ Printed	12/11/2	019 16:40 UTC -6:00		70 of :	104		© TRG			

ICS 2	208 -	Site Safety P	lan			Version Name: 12/08/19 - Site Visitor Requirements Safety Plan						
Incide	nt Nan	ne: South 4 Grou	up Fire			Period: Period 13 [12/12/2019 06:00 - 12/14/2019 06:00]						
		ite: Visitors										
						Site Chara	cterization					
Water	,		Land	d			Weather	,				
Wave	Heigh	nt	Land	d Use			Air Tem	р				
Speed	ı						Wind Sp	eed				
Direct	ion						Directio	n				
						Site Ha	azards					
Yes	es No Hazards				No	Hazards		Yes	No	Hazards		
	x	Boat Safety		x		Fire, Explo	osion, In-situ		x Pump Hose			
	X	Chemical Hazar	rds		x	Heat Stres	SS	x		Slips, Trips, and Falls		
	X	Cold Stress			x	Helicopter	Operations		x	Steam and Hot Water		
	x	Confined Space	es		x	Lifting			x	Trenching/Excavation		
	X	Drum Handling			x	Motor Veh	icles		x	UV Radiation		
	X	Equipment Ope	rations		x	Noise			x	Visibility		
	X	Electrical Opera	ations		x	Overhead	Buried Utilities		x	Weather		
x		Fatigue			x	Plants/Wil	dlife		x	Work Near Water		
	Air Monitoring Limits											
Oxygen Level 19.5% - Hydrogen S						Sulfide	Sulfide Total Hydrocarbons					
LEL				0 Ber	nzene							
Engineering Controls												
	Sourc	e of release secu	ured		Valve	e(s) closed			Energ	y sources locked/tagged out		
x	Site s	ecured		X	Facili	ty shut dow	n					
				Pers	onal	Protective I	Equipment Requ	ıired				
	Imper	vious suit		x Hard hats				x	Boots			
	Inner	gloves		X	Resp	irators		X	Potential for Resp Prot			
	Outer	gloves		X	Eye p	rotection						
х	Flame	e resistant clothin	ng		Perso	onal flotation	า					
				Addi	tiona	Control M	easures Establis	shed				
x	Decor	ntamination		x		nation			Additi	onal stations established		
x	Sanita	ation			Medi	cal surveilla	nce		Facilit	ies provided		
						Work	Plan					
	Boom	ing			Exca	vation			Hot w	ork		
	Skimr	ming			Heav	y equipmen	t		Appro	priate permits used		
	Vac tr	rucks			Sorbe	ent pads						
	Pump	ing			Patch	ning						
						Trail	ning					
		ed site workers tra tory requirement		cal/fed	eral	Training Requirem	ents					
ICS 208 - Site Safety Plan  Prepared By Chrisy Clifton, Updated 12/08/2019 10:39 UTC -6:00 PP												
		ION PLAN SOFTWARE	■™ Printed 1	12/11/201	19 16:40	UTC -6:00	71 of 104 © TRG					

ICS	208 - Site Safe	ty Plan			Version Name: 12/08/19 - Site Visitor Requirements Safety Plan						
Incide	ent Name: South 4	Group Fire			Period: Period 13 [12/12/2019 06:00 - 12/14/2019 06:00]						
				Organ	izatio	n					
Posit	tion	Name	7	Telephone/Radio	Posi	tion	1	Vame	Telephone	∍/Radio	
Incide	ent Commander	b) (6)	Opei Chie	rations Section	on F	Holley, Chad	(b) (6)				
Incide	ent Commander	Hollier, Kurt	(	b) (6)	Opei Chie	rations Section	on V	Villiams, James	(b) (6)		
Safet	ty Officer	Clifton, Chrisy	(1	b) (6)							
				Emerge	ncy F	Plan			1		
x	Fire Prevention P	lan	x	Evacuation Plan							
H	Alarm System			First Aid Locatio							
	,			Notific		ıs	<u> </u>				
	Facility			Phone	Jacron	Facility			Phone		
	Hospital	Medical Cente	r of	409-853-5900	v	Fire	1	Port Neches Fir		5000	
X	-	SETX	· Oi		x		1	Dept	16 409-855	-5900	
x	Ambulance	Acadian EMS		409-980-7740		Law Enforceme					
x	Air Ambulance	Acadian Air Me	∌d	409-980-7740		Emergency Response/le					
				Initial I	Briefi	ng			•		
П	Initial safety briefi	ng prepared for e	ach s	ite		-					
		<u> </u>		Attachments	s/App	endices					
Attac	chment			Filename							
	Orientation Log.xls	,		Site Orientation	Loa	vlev					
	or Log.xlsx	<u> </u>		Visitor Log.xlsx							
Site \	Visitor Requiremen	ts.docx		Site Visitor Req	uirem	ents.docx					
	Orientation 12.201				on 12.2019 FINAL.ppt						
	208 - Site Safety P	-	40/55	240.47.40.172	Pre	-	-	n, Updated 12/08	3/2019 10:39 UTC		
INCID	ENT ACTION PLAN SOFT	WAKE" Printed	019 16:40 UTC -6:00		72 of :	104			© TRG		

ICS 2	208 -	Site Safety P				Vers	sion Name:	12/08	/19 - E	Baker Risk Debris Assessment E	3lk 17											
Incident Name: South 4 Group Fire Period: Period 13 [12 Applies to Site: Baker Risk Assessment Blk 17										3 [12/	12/2019 06:00 - 12/14/2019 06:	001										
				Blk 17																		
						Site Chara	cteriza	tion														
Wate	r		Lan	d				Weather														
Wave	Heig	ht	Lan	d Use				Air Temp	)													
Spee	d							Wind Spe	eed													
Direc	tion							Direction	1													
						Site H	azards															
Yes	No	Hazards		Yes	No	Hazards			Yes	No	Hazards											
	x	Boat Safety		x		Heat Stres	SS		X		Steam and Hot Water											
X		Chemical Hazar	ds .		x	Helicopter	Opera	tions		x	Trenching/Excavation											
X		Cold Stress			x	Lifting				x	UV Radiation											
	x	Confined Space	:S	x		Motor Veh	icles			x	Visibility											
	x	Drum Handling		x		Noise			X		Weather											
	x	Equipment Ope	rations	x		Overhead	/Buried	Utilities		x	Work Near Water											
	x	Electrical Opera	tions		x	Plants/Wil	dlife		X		Debris											
x		Fatigue			x	Pump Hos	se															
x		Fire, Explosion, Burning	In-situ	x		Slips, Trip	rips, and Falls															
	Air Monitoring Limits																					
Oxyg	Dxygen Level 19.5% - Hydrogen Sulfide Total Hydrocarbons																					
LEL				0 Ber	nzene																	
						Engineerin	g Con	trols														
	Sour	ce of release secu	ured		Valve	(s) closed				Energ	gy sources locked/tagged out											
x	Site s	secured		x	Facili	ty shut dow	'n															
				Pers	onal l	Protective	Equipn	nent Requ	ired													
	Impe	rvious suit		x	Hard	hats			x	Boots	3											
	Inner	gloves		x	Resp	irators			X	APR	w/organic cartridge											
X	Oute	r gloves		x	Eye p	rotection																
x	Flam	e resistant clothin	g		Perso	onal flotation	n															
				Add	itional	Control M	leasure	es Establis	hed													
x	Deco	ntamination		x	Illumi	nation				Addit	ional stations established											
X	Sanit	ation			Medio	cal surveilla	nce			Facili	ties provided											
						Work	Plan															
	Boom	ning			Exca	vation				Hot v	vork											
Skimming Heavy equipment										Appro	opriate permits used											
	Vac t	rucks			Sorbe	ent pads																
	Pump	oing			Patch	ning																
	ī					_	ning															
		ed site workers tra atory requirement		cal/fed	eral	Training Requirem	ents	Site Orient	ation													
ICS 2	08 - S	ite Safety Plan					Pren	ared By Chri	isv Clif	ton Ur	odated 12/08/2019 13:54 LITC -6:00	) PP										
			™ Printed	12/11/20	19 16:40	UTC -6:00		-	-	, <b>O</b> p		<b>S 208 - Site Safety Plan</b> Prepared By Chrisy Clifton, Updated 12/08/2019 13:54 UTC -6:00 PP  IDENT ACTION PLAN SOFTWARE™  Printed 12/11/2019 16:40 UTC -6:00  73 of 104  © TRG										

ICS	208 - Site Safe		] Ve	ersion Name:	12/08/1	9 - Baker Risk Det	oris Assessment Bli 1		
Incide	ent Name: South 4	Group Fire				Period: Pe	eriod 13	[12/12/2019 06:00	- 12/14/2019 06:00
				Organ	izatio	on			
Positi	ion	Name		Telephone/Radio	Posi	tion	1	Vame	Telephone/Radio
Incide	ent Commander	McDonald, Scott	:	(b) (6)	Safe	ty Officer	(	Grissom, Billy	(b) (6)
Incide	ent Commander	Hollier, Kurt		(b) (6)	Ope Chie	rations Section	on l	Holley, Chad	(b) (6)
Safet	y Officer	Clifton, Chrisy		(b) (6)	Ope Chie	rations Section	on \	Villiams, James	(b) (6)
				Emerge	ncy F	Plan			•
x	Fire Prevention F	Plan	x	Evacuation Plan					
	Alarm System			First Aid Locatio	n				
				Notific	cation	าร			
	Facility			Phone		Facility			Phone
x	Hospital	Medical Center	r of	409-853-5900	X	Fire		Port Neches Fire Dept	409-853-5900
x	Ambulance	Acadian EMS		409-980-7740		Law Enforceme		·	
x	Air Ambulance	Acadian Air Me	ed	409-980-7740		Emergency Response/le			
				Initial I	Rriefi	1-			
	08 - Site Safety F	I			Pro		-	n, Updated 12/08/20	19 13:54 UTC -6:00 F
INCID	ENT ACTION PLAN SOF	TWARE™   Printed	12/11/2	2019 16:40 UTC -6:00	1	74 of	104	1	© TR

ICS 2	208 -	Site Safety P	lan				Version N	Name:	12/07/	19 - FLIR Camera Use in Block 1		
Incide	nt Nar	ne: South 4 Groບ	ıp Fire				Period: P	eriod 1	3 [12/1	12/2019 06:00 - 12/14/2019 06:00		
Applie	s to S	ite: Block 10 We	st of Proces	s Unit								
					,	Site Chara	cterization					
Water			Lan	d			Weather					
Wave	Heigh	nt	Lan	d Use			Air Tem	р				
Speed	ď						Wind Sp	eed				
Direct	tion						Direction	n				
						Site Ha	azards					
Yes	No	Hazards		Yes	No	Hazards		Yes	No	Hazards		
	x	Boat Safety		x		Fire, Explo Burning	sion, In-situ		x	Pump Hose		
x		Chemical Hazar	ds	x		Heat Stres	SS	x		Slips, Trips, and Falls		
	x	Cold Stress			x	Helicopter	Operations	x		Steam and Hot Water		
	x	Confined Space	S	x		Lifting			X	Trenching/Excavation		
	X	Drum Handling		x		Motor Veh	icles		x	UV Radiation		
x		Equipment Ope	rations	X		Noise			x	Visibility		
	X	Electrical Opera	tions	x		Overhead/	Buried Utilities		x	Weather		
x		Fatigue			x	Plants/Wild	dlife		x	Work Near Water		
					4	Air Monito	ring Limits					
Oxyge	en Lev	el	19.5% 21.5		drogen	Sulfide		٦	Total H	lydrocarbons		
LEL			2 pp	m Be	nzene							
						Engineerin	g Controls					
	Sourc	e of release secu	ured		Valve	(s) closed			Energ	gy sources locked/tagged out		
X	Site s	ecured		X	Facilit	ty shut dow	n					
				Pers	sonal F	Protective I	Equipment Requ	iired				
	Imper	vious suit		x	Hard	hats		x	Boots	3		
	Inner	gloves		x	Respi	irators		x	SCBA	4		
	Outer	gloves		X	Eye p	rotection						
X	Flame	e resistant clothin	g		Perso	nal flotation	1					
				Add	itional	Control M	easures Establis	shed				
X	Deco	ntamination		x	Illumi	nation			Additi	ional stations established		
X	Sanita	ation			Medic	cal surveilla	nce		Facili	ties provided		
						Work	Plan					
	Boom	ning			Exca	vation			Hot w	ork		
	Skimr	ming		x	Heav	y equipmen	t		Appro	opriate permits used		
	Vac tı	rucks			Sorbe	ent pads		X	Articu	llating Diesel Manlift		
	Pump	ping			Patch	ning						
	Training											
	Verified site workers trained per local/federal regulatory requirements  Training Requirements											
	regulatory requirements   Requirements											
ICS 20	08 - Si	te Safety Plan					Prepared By Ch	risy Clif	ton, Up	dated 12/09/2019 05:36 UTC -6:00 F		
		ION PLAN SOFTWARE	™ Printed	12/11/20	19 16:40	UTC -6:00	75 of	-		© TR		

ICS	ICS 208 - Site Safety Plan Incident Name: South 4 Group Fire					Version N	lame: 12	2/07/19 - FLIR Can	nera Use in Block 10	
Incide	ent Name: South 4	Group Fire				Period: Pe	eriod 13	[12/12/2019 06:00	- 12/14/2019 06:00]	
				Organ	izatio	n				
Posit	ion	Name	T	elephone/Radio	Posi	tion	I	Vame	Telephone/Radio	
Incide	ent Commander	McDonald, Scott	: <b>(</b> b	o) (6)	Ope Chie	rations Section	on l	Holley, Chad	(b) (6)	
Incide	ent Commander	Hollier, Kurt	(b	) (6)	Safe	ty Officer	ŀ	Keys, Chad	(b) (6)	
Safet	y Officer	Clifton, Chrisy	(b	) (6)	Opei Chie	rations Section	on E	Bradley, Luther	(b) (6)	
				Emerge	ncy F	Plan				
x	Fire Prevention P	lan	x	Evacuation Plan	)					
	Alarm System			First Aid Location	n					
			•	Notific	cation	ıs				
	Facility			Phone		Facility			Phone	
x	Hospital	Med Center of	SETX	409-853-5900	x	Fire	I	Port Neches Fire Dept.	409-853-5900	
x	Ambulance	Acadian EMS		409-980-7740		Law Enforceme	nt			
x	Air Ambulance	Acadian Air Me	ed	409-980-7740		Emergency Response/le	/ Rescu			
				Initial	Briefi	ng				
	Initial safety briefin	ng prepared for e	ach si	te						
				Attachments	s/App	endices				
Attac	chment			Filename						
	9.2019 FLIR Camer y.docx	ra Use in Block 1	0	12.09.2019 FLI	R Car	mera Use in E	Block 10	Safety.docx		
ICS 2	208 - Site Safety P	lan			Pre	epared By Chr	isy Clifto	n, Updated 12/09/20	19 05:36 UTC <b>-</b> 6:00 PP	
INCID	ENT ACTION PLAN SOFT	<b>FWARE™</b> Printed	12/11/20	19 16:40 UTC -6:00						

ICS :	208 -	Site Safety P				Version Na	ame: 12	2/09/1	9 - Sc	affold Building- TK [	DEHA Injection	
Incide	nt Na	me: South 4 Grou	ıp Fire				Per	riod: Per	riod 1	3 [12/	12/2019 06:00 - 12/1	14/2019 06:00]
Applie	es to S	Site: Scaffold Buil	ding- TK DE	HA Ir	jection	l						
						Site Chara	cterization					
Wate	r		Land	d			We	eather				
Wave	Heig	ht	Land	d Use	!		Air	r Temp		81 Fa	hrenheit	
Spee	d						Wi	ind Spe	ed	12 m	oh	
Direc	tion						Dir	rection		SW		
						Site H	azards					
Yes	No	Hazards		Yes	No	Hazards			Yes	No	Hazards	
	x	Boat Safety		x		Heat Stre	SS			x	Steam and Hot Wa	ater
X		Chemical Hazar	ds		x	Helicopte	Operations	3		x	Trenching/Excavat	ion
	X	Cold Stress		x		Lifting				x	UV Radiation	
	X	Confined Space	S		x	Motor Veh	nicles			x	Visibility	
	x	Drum Handling		x		Noise			X		Weather	
X		Equipment Ope			X		/Buried Utili	ities		x	Work Near Water	
	X	Electrical Opera	tions		X	Plants/Wil						
X		Fatigue			X	Pump Hos						
	x	Fire, Explosion, Burning	In-situ	x		Slips, Trip	s, and Falls	8				
						Air Monito	ring Limits	;		•		
Oxyg	xygen Level 19.5% - Hydrogen Sulfide Total Hydrocarbons											
LEL			5% for 1	_	nzene				-	Butadie	ane	0.5ppm
			minute Action lin	s	HZGHG					Julaule	5116	(respirator)
						Engineerin	g Controls	;				
	Sour	ce of release secu	ıred		Valve	e(s) closed				Energ	gy sources locked/ta	gged out
X	Site	secured		x	Facili	ty shut dow	n					
				Per	sonal	Protective	Equipment	t Requir	red			
	Impe	rvious suit		x	Hard	hats			X	Boots	3	
	Inner	gloves		x	Resp	irators			X	Harne syste	ess with Lanyard (Fa m)	all arrest
x	Oute	r gloves		х	Eye	protection			X	+	concentration = SCI	ВА
x	Flam	e resistant clothin	g		Perso	onal flotatio	n		x	1	concentration = APR	with organic
				Ado	litiona	I Control M	leasures Es	stablish	ned	vapor		
	Deco	ntamination		x		nation				Additi	ional stations establ	ished
x	Sanit	ation			Medi	cal surveilla	ınce		X	Facili	ties provided	
						Work	c Plan					
	Boon	ning			Exca	vation				Hot w	ork	
	Skim	ming			Heav	y equipmer	nt			Appro	priate permits used	
	Vac t	rucks			Sorb	ent pads			X	Buildi		
	Pum	ping			Patch	ning			X	Climb	ping	
ICS 2	08 - S	ite Safety Plan					Prepared E	By Clayto	on Do	rsa, Up	dated 12/09/2019 15:	59 UTC -6:00 PP
INCID	NT ACT	TION PLAN SOFTWARE	12/11/20	16:40	UTC -6:00		77 of 10	04			© TRG	

ICS 208 - Site Safety Plan Incident Name: South 4 Group Fire					Vers	ion Name: 1	2/09/19	- Scaffold	Building- 1	TK DEHA II	njection			
Incide	ent Name: South 4			Period: Pe	eriod 13	[12/12/20	19 06:00 -	12/14/2019	06:00]					
				Tra	ining									
	Verified site work regulatory require	ers trained per locements	cal/fed	eral <b>Training Requiren</b>	nents									
				Organ	izatio	n								
Posit	ion	Name	T	elephone/Radio	Posit	tion	1	Name		Telephone	/Radio			
Incide	ent Commander	Hollier, Kurt	<b>(</b> b	) (6)	Safe	y Officer	(	Clifton, Chi	risy	(b) (6)				
Opera Chief	ations Section	Williams, James	(b	) (6)	Safe	y Officer	I	Dorsa, Cla	yton	(b) (6)				
Incide	ent Commander	McDonald, Scott	(b	) (6)	Oper Chie	ations Section	on l	Holley, Cha	ad	(b) (6)				
	_			Emerge	ncy P	lan								
x	Fire Prevention F	Plan	X	Evacuation Plan	1									
	Alarm System			First Aid Location	n									
				Notific	cation									
	Facility			Phone		Facility				Phone				
X	Hospital	Med Center of	SETX	409-853-5900	x Fire			Port Nech Dept	es Fire	409-853-	5900			
x	Ambulance	Acadian EMS		409-980-7740		Law Enforceme								
x	Air Ambulance	Acadian Air Me	ed	409-980-7740	Emergency Response/Rescu									
				Initial	Briefiı									
	Initial safety brief	ing prepared for e	ach si			-9								
		31 -1		Attachments	s/App	endices								
Attac	:hment			Filename										
	old Building for DE	HA Tanks Safety			caffold Building for DEHA Tanks Safety Plan.docx									
r iaii.	uocx													
ICS 2	08 - Site Safety P	lan			Prei	pared By Clay	ton Dors	a, Updated	12/09/2019	15:59 UTC	-6:00 PP			
	ENT ACTION PLAN SOF		12/11/20	19 16:40 UTC -6:00		78 of					© TRG			

ICS 208 - Site Safety Plan Incident Name: South 4 Group Fire								sion Name	: 12/10	0/2019	Night Operations Ge	neral Safety Plan
Incide	nt Nar	ne: South 4 Grou	p Fire					Period: Pe	eriod 1	3 [12/1		/2019 06:00]
		ite: Night Operat		al Safe	ty Plar	1						
						Site Chara	cteriza	tion				
Wate	•		Lan	d				Weather				
Wave	Heigh	nt	Lan	d Use				Air Temp	)			
Spee	d							Wind Spe	eed			
Direc								Direction	1			
						Site Ha	azards					
Yes	No	Hazards		Yes	No	Hazards			Yes	No	Hazards	
	x	Boat Safety		x		Heat Stres	SS		x		Steam and Hot Water	er
x		Chemical Hazar	ds		x	Helicopter	Operat	ions		x	Trenching/Excavatio	n
x		Cold Stress			x	Lifting				x	UV Radiation	
	x	Confined Space	S	x		Motor Veh	icles		x		Visibility	
x		Drum Handling		x		Noise			x		Weather	
x		Equipment Ope	rations	x		Overhead	/Buried	Utilities		x	Work Near Water	
	x	Electrical Opera	tions	x		Plants/Wil	dlife		x		Debris	
X		Fatigue		x		Pump Hos	se					
x		Fire, Explosion, Burning	In-situ	x		Slips, Trip	s, and F	alls				
	Air Monitoring Limits											
Oxyge	Dxygen Level 19.5% - Hydrogen Sulfide Total Hydrocarbons											
LEL			20.0	0 Ber	zene							
						Engineerin	a Cont	rols				
П	Source	ce of release secu	ured	П		(s) closed	<u> </u>			Enerc	gy sources locked/tagg	ged out
x		ecured		x		ty shut dow	n				,,	
				Pers	onal l	Protective	Equipm	ent Requi	ired			
$\Box$	Impei	vious suit		x	Hard	hats	•	,	x	Boots	<u> </u>	
		gloves		x	Resp	irators			x	APR	when determined by 0	CTEH
x		gloves		x	· ·	rotection			x		A in Exclusion Zone	
x	Flame	e resistant clothin	g		Perso	nal flotation	า					
				Addi	tional	Control M	easure	s Establis	hed			
x	Deco	ntamination		x	Illumi	nation				Additi	ional stations establish	ned
x	Sanita	ation			Medio	cal surveilla	nce			Facili	ties provided	
						Work	Plan					
	Boom	ning			Exca	vation				Hot w	ork .	
	Skimı	ming			Heav	y equipmen	nt			Appro	opriate permits used	
	Vac t	rucks			Sorbe	ent pads						
X	Pump	ping			Patch	ing						
						1	ning					
		ed site workers tra atory requirement		cal/fed	eral	Training Requirem		Site Orient	ation			
ICS 2	NQ _ S:	ito Safoty Plan					Drong	ared By Chr	iev Cliff	ton Un	dated 12/10/2010 10:12	LITC 6:00 pc
	208 - Site Safety Plan         Prepared By Chrisy Clifton, Updated 12/10/2019 10:12 UTC -6:00 PP           DENT ACTION PLAN SOFTWARE™         Printed 12/11/2019 16:40 UTC -6:00         79 of 104         © TRG											

ICS	208 - Site Safe		J <sup>v</sup>	ersion Name	: 12/10/20	19 Night Operat	ions General Safety Plan		
Incide	ent Name: South 4	Group Fire				Period: Pe	eriod 13 [12	2/12/2019 06:00	- 12/14/2019 06:00]
				Organ	izatio	on			
Posit	ion	Name	7	Telephone/Radio	Posi	tion	Nai	me	Telephone/Radio
Incide	ent Commander	McDonald, Scot	t (	b) (6)	Safe	ty Officer	Gris	ssom, Billy	(b) (6)
Incide	ent Commander	Hollier, Kurt	(	0) (6)	Ope Chie	rations Section	on Hol	ley, Chad	(b) (6)
Safet	y Officer	Clifton, Chrisy	(	o) (6)	Ope Chie	rations Section	on Will	iams, James	(b) (6)
				Emerge	ncy F	Plan			
х	Fire Prevention F	Plan	x	Evacuation Plan					
	Alarm System		x	First Aid Locatio	n				
				Notific	cation	ıs			
	Facility			Phone		Facility			Phone
x	Hospital	Medical Cente SETX	r of	409-853-5900	X	Fire	Po De	rt Neches Fire	409-853-5900
x	Ambulance	Acadian EMS		409-980-7740		Law Enforceme			
x						Emergency Response/le			
	Initia					ng			
П	Initial safety brief	ite		-					
100.0	000 Cita Cafata	llan				anarad Du Ol	iou Cliffere	Indated 40/40/00	40 40 40 LITO 0.00
	08 - Site Safety P	I	10/11/04	210 14 40 UTC / 22	Pro	· · · · · · · · · · · · · · · · · · ·	•	ppdated 12/10/20	19 10:12 UTC -6:00 PP
INCID	ENT ACTION PLAN SOF	I WAKE'™ Printed	12/11/20	019 16:40 UTC -6:00		80 of :	104		© TRG

ICS 2	S 208 - Site Safety Plan cident Name: South 4 Group Fire							Version N	Name:	12/07/	/19 - BD Tank 100	DEHA Injection
Incide	nt Nar	me: South 4 Grou	ıp Fire					Period: Pe	eriod 1	3 [12/1	12/2019 06:00 - 12/	14/2019 06:00]
Applie	s to S	ite: Butadiene Ta	ank 100 DEI	HA Inh	ibitor I	njection						
		Plan				Site Chara	otovizot	ion				
Wate	,		Lan	d		Sile Cilara	Clerizal	Weather				
	Heigl	nt		d Use				Air Temp		50 Fa	hrenheit	
Speed	•		Lan	u OSC				Wind Spe		17 mg		
Direc								Direction		NNE	211	
Direc						Site Ha	azards	Direction		IVIVE		
Yes	No	Hazards		Yes	No	Hazards			Yes	No	Hazards	
	x	Boat Safety		x		Fire, Explo	osion, In	-situ	x		Pump Hose	
X		Chemical Hazar	ds	x		Heat Stres	SS		X		Slips, Trips, and F	alls
	x	Cold Stress			x	Helicopter	Operati	ions		x	Steam and Hot Wa	ater
	x	Confined Space	s	X		Lifting				x	Trenching/Excava	tion
x		Drum Handling			x	Motor Veh	icles			x	UV Radiation	
X		Equipment Ope	rations	X		Noise				x	Visibility	
	X	Electrical Opera	itions		X	Overhead	/Buried	Utilities		x	Weather	
x		Fatigue			x	Plants/Wil	dlife			x	Work Near Water	
			4	Air Monito	ring Lin	nits						
Oxyge	tygen Level 19.5% - Hydrogen Sulfide Total Hydrocarbons											
LEL			5% for 1 m		nzene				E	3D		0.5ppm for 5
					Engineering Controls							
	Source	ce of release secu	ured		Valve	(s) closed				Energ	gy sources locked/ta	agged out
x	Site s	ecured		x	Facili	ty shut dow						
				Pers	onal I	Protective	Equipm	ent Requi	ired	<u>'</u>		
	Impe	rvious suit		x	Hard	hats			x	Boots	;	
	Inner	gloves		x	Resp	irators			x	High	concentration = SC	BA
x	Outer	gloves		x	Eye p	rotection			x	Low c	concentration = APF	R with organic
x	Flame	e resistant clothin	ıg		Perso	nal flotation	ı					
				Add	itional	Control M	easures	s Establis	hed			
x	Deco	ntamination		x	Illumi	nation				Additi	onal stations estab	lished
x	Sanita	ation			Medio	cal surveilla	nce			Facilit	ties provided	
						Work	Plan					
	Boom	ning			Exca	vation				Hot w	ork	
Skimming Heavy equipm							ıt			Appro	priate permits used	t
	Vac t	rucks			Sorbe	ent pads						
x	Pump	ping			Patch	ning						
						Trail	ning					
		ed site workers tra atory requirement		cal/fed	eral	Training Requirem	ents					
ICS 2	08 - Si	ite Safety Plan					Prepa	red By Chr	isy Clif	ton, Up	dated 12/11/2019 06:	15 UTC -6:00 PP
INCIDE	NT ACT	ION PLAN SOFTWARE	12/11/20	19 16:40	UTC -6:00	0 81 of 104 © TR				© TRG		

ICS	ncident Name: South 4 Group Fire					Version I	Name:	12/07/19 - BD Tank	100 DEHA Injection		
Incide	ent Name: South 4	Group Fire				Period: Pe	eriod 13	3 [12/12/2019 06:00	- 12/14/2019 06:00]		
				Organ	izatio	n					
Posit	ion	Name	T	elephone/Radio	Posi	tion		Name	Telephone/Radio		
Incide	ent Commander	Hollier, Kurt	(b	0) (6)	Safe	ty Officer		Dorsa, Clayton	(b) (6)		
Oper Chief	ations Section	Williams, Jame	es (t	0) (6)	Safe	ty Officer		Clifton, Chrisy	(b) (6)		
Incide	ent Commander	McDonald, Sco	ott (t	0) (6)	Oper Chie	ations Section	on	Holley, Chad	(b) (6)		
				Emerge	ncy F	Plan	•				
x	Fire Prevention P	lan	X	Evacuation Plan	)						
	Alarm System			First Aid Location	n						
				Notifi	cation	ıs					
	Facility			Phone		Facility			Phone		
x	Hospital	Med Center of	of SETX	409-853-5900	x	Fire		Port Neches Fire Dept	409-853-5900		
x	Ambulance	Acadian EMS	3	409-980-7740	Law Enforcement						
x	Air Ambulance	Acadian Air N	/led	409-980-7740	9-980-7740 Emergency Response/Rescu e						
				Initial	Briefi	ng					
	Initial safety briefi	ng prepared for	each si	te							
				Attachments	s/App	endices					
Attac	chment			Filename							
	diene Tank DEHA _FINAL.docx	Injection		Butadiene Tanl	k DEH	A Injection P	lan_FII	NAL.docx			
	-SEP-ALL-600-F21 /sis.docx	Job Safety		EHS-SEP-ALL-	-600-F	21 Job Safe	ty Anal	ysis.docx			
	7.2019 BD Tank 10 ty P.pdf	0 DEHA Injection	on	12.07.2019 BD	Tank	100 DEHA II	njection	Safety P.pdf			
12.07.2019 BD Tank 100 DEHA Injection Safety P.pdf  12.07.2019 BD Tank 100 DEHA Injection Safety P.pdf											
ICS 2	208 - Site Safety P	lan			Pre	epared By Chr	isy Clifto	on, Updated 12/11/20	19 06:15 UTC -6:00 PP		
	ENT ACTION PLAN SOF		d 12/11/20	19 16:40 UTC -6:00	Prepared By Chrisy Clifton, Updated 12/11/2019 06:15 UTC -6:00 F						

ICS 2	S 208 - Site Safety Plan cident Name: South 4 Group Fire							Version N	Name:	12/07/	/19 - BD Tank 101	DEHA Injection
Incide	nt Nar	me: South 4 Grou	ıp Fire					Period: Pe	riod 1	3 [12/1	12/2019 06:00 - 12/	14/2019 06:00]
Applie	s to S	ite: Butadiene Ta	ank 101 DEI	-IA Inh	ibitor I	njection						
		Plan				0'4- 04	- 4* 4					
Wate			Lan	d		Site Chara	cterizat	Weather				
	Heigl	h <b>+</b>		u d Use				Air Temp		50 Ea	hrenheit	
Speed	•		Lan	u USE				Wind Spe		17 mg		
Direc								Direction		NNE	ווע	
Direc	LIOII					Site Ha	azards	Direction		ININL		
Yes	No	Hazards		Yes	No	Hazards			Yes	No	Hazards	
	x	Boat Safety		x		Fire, Explo	sion, In	-situ	X		Pump Hose	
x		Chemical Hazar	ds	x		Heat Stres	SS		x		Slips, Trips, and F	alls
	x	Cold Stress			x	Helicopter	Operati	ions		x	Steam and Hot W	ater
	x	Confined Space	es	x		Lifting				x	Trenching/Excava	tion
X		Drum Handling			x	Motor Veh	icles			x	UV Radiation	
x		Equipment Ope	rations	x		Noise				x	Visibility	
	x	Electrical Opera	itions		x	Overhead	Buried	Utilities		x	Weather	
x		Fatigue			x	Plants/Wil	dlife			x	Work Near Water	
			4	Air Monito	ring Lin	nits						
Oxyge	kygen Level 19.5% - Hydrogen Sulfide Total Hydrocarbons											
LEL			5% for 1 m		nzene				E	3D		0.5ppm for 5
						Engineering Controls						
	Sourc	ce of release secu	ured		Valve	(s) closed				Energ	y sources locked/ta	agged out
x	Site s	ecured		x	Facili	ty shut dow						
				Pers	onal I	Protective	Equipm	ent Requi	ired			
	Impe	rvious suit		x	Hard	hats			x	Boots	1	
	Inner	gloves		x	Resp	irators			x	High (	concentration = SC	BA
x	Outer	gloves		x	Eye p	rotection			X	Low o	concentration = API	R with organic
x	Flame	e resistant clothin	ıg		Perso	nal flotation	า					
				Addi	itional	Control M	easures	s Establis	hed			
X	Deco	ntamination		x	Illumi	nation				Additi	onal stations estab	lished
X	Sanita	ation			Medio	cal surveilla	nce			Facilit	ties provided	
						Work	Plan					
	Boom	ning			Exca	vation .				Hot w	ork	
Skimming Heavy equipm							t			Appro	priate permits used	b
	Vac t	rucks			Sorbe	ent pads						
x	Pump	ping			Patch	ing						
						Trail	ning					
		ed site workers tra atory requirement		cal/fed	eral	Training Requirem	ents					
ICS 2	08 - Si	ite Safety Plan					Prepa	red By Chri	isy Clif	ton, Up	dated 12/11/2019 06	:16 UTC -6:00 PP
INCIDE	NT ACT	ION PLAN SOFTWARE	12/11/20	19 16:40	UTC -6:00		83 of :	104			© TRG	

ICS:	cident Name: South 4 Group Fire					Version N	Name:	12/07/19 - BD Tan	k 101 DEHA Injection				
Incide	ent Name: South 4			Period: Pe	eriod 13	3 [12/12/2019 06:0	00 - 12/14/2019 06:00]						
				Organ	izatio	n							
Positi	ion	Name	Te	elephone/Radio	Posi	tion		Name	Telephone/Radio				
Incide	ent Commander	Hollier, Kurt	(b	) (6)	Safe	ty Officer		Clifton, Chrisy	(b) (6)				
Chief		Williams, James	(b	) (6)	Oper Chie	ations Section	n	Holley, Chad	(b) (6)				
Incide	ent Commander	McDonald, Scott	( <b>b</b>	) (6)									
	1			Emerge		Plan							
X	Fire Prevention P	lan	x	Evacuation Plan									
	Alarm System			First Aid Location									
				Notific	cation								
	Facility	T		Phone		Facility		T	Phone				
x	Hospital	Med Center of	SETX	409-853-5900	x	Fire		Port Neches Fire Dept	409-853-5900				
x	Ambulance	Acadian EMS		409-980-7740		Law Enforceme	nt						
X	Air Ambulance	Acadian Air Me	ed	409-980-7740		Emergency Response/I							
				Initial	Rriefii	na na							
	Initial safety briefi	ng prepared for e	ach sit		<u> Diricini</u>	<u>'9</u>							
	in man carety arren	у р. ора. оа . о.		Attachments	s/App	endices							
Attac	hment			Filename									
		1 DEHA Injection	1	12.07.2019 BD	2019 BD Tank 101 DEHA Injection Safety P.pdf								
Butac	liene Tank DEHA I FINAL.docx	njection		Butadiene Tanl	ene Tank DEHA Injection Plan_FINAL.docx								
EHS-	SEP-ALL-600-F21 sis.docx	Job Safety		EHS-SEP-ALL-	LL-600-F21 Job Safety Analysis.docx								
ICS 2	08 - Site Safety P	lan			Pre	•	-	on, Updated 12/11/2	019 06:16 UTC -6:00 PP				
INCID	ENT ACTION PLAN SOFT	<b>TWARE™</b> Printed	12/11/201	19 16:40 UTC -6:00		84 of :	104		© TRG				

ICS 2	<b>208 - Site Safety Plan</b> dent Name: South 4 Group Fire							Version N	Name:	12/07	/19 - BD Tank 104	DEHA Injection
Incide	nt Naı	me: South 4 Grou	ıp Fire				F	Period: Pe	eriod 1	3 [12/	12/2019 06:00 - 12/	14/2019 06:00]
Applie	s to S	ite: Butadiene Ta	ank 104 DEI	HA Inh	ibitor I	njection						
						Site Chara	cterizati	on				
Water	•		Lan	d				Weather				
Wave	Heigl	ht	Lan	d Use				Air Temp	)	50 Fa	hrenheit	
Speed	d							Wind Spe	eed	17 m	oh	
Direc								Direction		NNE		
						Site Ha	azards					
Yes	No	Hazards		Yes	No	Hazards			Yes	No	Hazards	
	x	Boat Safety		x		Fire, Explo	osion, In-	situ	x		Pump Hose	
x		Chemical Hazar	ds .	x		Heat Stres	ss		x		Slips, Trips, and F	alls
	X	Cold Stress			x	Helicopter	Operation	ons		x	Steam and Hot W	ater
	x	Confined Space	s	x		Lifting				x	Trenching/Excava	tion
X		Drum Handling			x	Motor Veh	icles			x	UV Radiation	
x		Equipment Ope	rations	x		Noise				x	Visibility	
	X	Electrical Opera	x	Overhead	/Buried L	Jtilities		x	Weather			
X							dlife			X	Work Near Water	
	Air N						ring Lim	its				
Oxyge	en Lev	rel		drogen	Sulfide			T	otal H	lydrocarbons		
LEL	21.5%   5% for 1 min   Benzene								E	BD		0.5ppm for 5
				·		Engineerin	g Contro	ols				
	Source	ce of release secu	ured		Valve	(s) closed				Energ	gy sources locked/t	agged out
x	Site s	secured		x	Facili	ty shut dow	'n					
				Pers	onal I	Protective I	Equipme	ent Requi	ired			
	Impe	rvious suit		x	Hard	hats			x	Boots	3	
	Inner	gloves		x	Resp	irators			x	High	concentration = SC	ВА
x	Oute	gloves		x	Eye p	rotection			x	Low o	concentration = API	R with organic
x	Flam	e resistant clothin	ıg		Perso	onal flotation	า					
				Addi	itional	Control M	easures	Establis	hed			
x	Deco	ntamination		x	Illumi	nation				Additi	ional stations estab	lished
X	Sanit	ation			Medio	cal surveilla	nce			Facili	ties provided	
						Work	Plan					
	Boom	ning			Exca	vation				Hot w	vork	
	Skimming Heavy equip						nt			Appro	opriate permits used	t
	☐ Vac trucks ☐ Sorbent pad											
X	Pump	oing			Patch	ning						
						Traii	ning					
		ed site workers tra atory requirement		cal/fed	eral	Training Requirem	ents					
ICS 208 - Site Safety Plan Prepared								red By Chr	isy Clift	on, Up	dated 12/11/2019 06	:19 UTC -6:00 PP
		ION PLAN SOFTWARE	™ Printed 1	12/11/20	19 16:40	UTC -6:00		85 of :	104			© TRG

ICS :	208 - Site Safe	ty Plan				Version N	Name:	12/07/19 - BD Tan	k 104 DEHA I	njection		
Incide	ent Name: South 4	Group Fire				Period: Pe	eriod 13	3 [12/12/2019 06:0	0 - 12/14/2019	9 06:00]		
				Orgar	nizatio	n						
Positi	ion	Name	Te	elephone/Radio	Posi	tion		Name	Telephone	/Radio		
Incide	ent Commander	Hollier, Kurt		) (6)	Safe	ty Officer		Clifton, Chrisy	(b) (6)			
Chief		Williams, James	(b	) (6)	Oper Chie	ations Section	on	Holley, Chad	(b) (6)			
Incide	ent Commander	McDonald, Scot	t (b	) (6)								
				Emerge		lan						
X	Fire Prevention P	lan	x	Evacuation Plan								
	Alarm System			First Aid Location								
	F '''			Notifi	cation				DI			
	Facility	Mad Carter of	OFTY	Phone		Facility		Dart Nachas Eine	Phone	5000		
x	Hospital		SEIX	409-853-5900	x	Fire		Port Neches Fire Dept	409-853-	5900		
X	Ambulance	Acadian EMS		409-980-7740		Law Enforceme	nt					
x	Air Ambulance	Acadian Air M	ed	409-980-7740		Emergency Response/F						
				Initial	Briofii	e						
	Initial safety briefi	ng prepared for e	each sit		<u> </u>	<u>'9</u>						
		9 p	, a. a	Attachment	s/App	endices						
Attac	hment			Filename	-7							
	SEP-ALL-600-F21	Job Safety		EHS-SEP-ALL	-600-F	21 Job Safet	y Analy	ysis.docx				
12.07	.2019 BD Tank 10 y P.pdf	4 DEHA Injection	1	12.07.2019 BD	12.07.2019 BD Tank 104 DEHA Injection Safety P.pdf							
104.jp	•			104.jpg	4.jpg							
ICS 2	08 - Site Safety P	T T		_	Pre	epared By Chri	isy Clifto	on, Updated 12/11/2	019 06:19 UTC			
INCID	ENT ACTION PLAN SOFT	<b>TWARE™</b> Printed	12/11/20	19 16:40 UTC -6:00	© 7							

ICS 2	208 -	Site Safety P				Version I	Name:	12/07	/19 - BD Tank 109 DEHA Injection		
Incide	nt Naı	me: South 4 Grou	ıp Fire					Period: Pe	eriod 1	3 [12/	12/2019 06:00 - 12/14/2019 06:00]
Applie	s to S	ite: Butadiene Ta	ank 109 DEI	HA Inh	ibitor I	njection					
						Site Chara	cterizat	ion			
Wate	•		Lan	d				Weather			
Wave	Heigl	nt	Lan	d Use				Air Temp	)		
Speed	d							Wind Sp	eed		
Direc	tion							Direction	ı		
						Site Ha	azards				
Yes	No	Hazards		Yes	No	Hazards			Yes	No	Hazards
	x	Boat Safety		x		Fire, Explo	osion, In	-situ	x		Pump Hose
x		Chemical Hazar	ds	x		Heat Stres	SS		x		Slips, Trips, and Falls
	X	Cold Stress			x	Helicopter	Operati	ions		x	Steam and Hot Water
	x	Confined Space	S	x		Lifting				x	Trenching/Excavation
x		Drum Handling			x	Motor Veh	icles			x	UV Radiation
x		Equipment Ope	rations	x		Noise				x	Visibility
	X	Electrical Opera	tions		X	Overhead	/Buried	Utilities		x	Weather
x							dlife			x	Work Near Water
				Air Monito	ring Lin	nits					
Oxyge	ygen Level 19.5% - Hydrogen Sulfide Total Hydrocarbons										
LEL				0 Ber	nzene						
						Engineerin	g Conti	rols			
	Sourc	ce of release secu	ıred		Valve	e(s) closed				Energ	gy sources locked/tagged out
x	Site s	secured		x	Facili	ty shut dow	n				
				Pers	onal l	Protective I	Equipm	ent Requ	ired		
	Impe	rvious suit		x	Hard	hats			x	Boots	3
	Inner	gloves		x	Resp	irators			x	High	concentration = SCBA
x	Oute	gloves			Eye p	protection			x	Low o	concentration = APR with organic
x	Flam	e resistant clothin	g		Perso	onal flotation	1				
				Add	itional	Control M	easure	s Establis	hed		
x	Deco	ntamination		x	Illumi	nation				Addit	ional stations established
X	Sanit	ation			Medio	cal surveilla	nce			Facili	ties provided
						Work	Plan				
	Boom	ning			Exca	vation				Hot w	ork ork
	Skim	ming			Heav	y equipmen	ıt			Appro	opriate permits used
☐ Vac trucks ☐ Sorbent pads											
x Pumping Patching											
						Trail	ning				
		ed site workers tra atory requirement		cal/fed	eral	Training Requirem	ents				
ICS 2	08 - S	ite Safety Plan					Prepa	red By Chr	isy Clif	ton, Up	odated 12/11/2019 06:20 UTC -6:00 PP
		ION PLAN SOFTWARE	™ Printed	12/11/20	19 16:40	UTC -6:00	Prepared By Chrisy Clifton, Updated 12/11/2019 06:20 UTC -6:00 F				

ICS	208 - Site Safet	ty Plan			Version Name: 12/07/19 - BD Tank 109 DEHA Injection Period: Period 13 [12/12/2019 06:00 - 12/14/2019 06:00					njection	
Incide	ent Name: South 4	Group Fire			Period: Pe	eriod 13	3 [12/12/201	9 06:00 -	12/14/2019	06:00]	
				Organ	izatio	n					
Posit	ion	Name	Te	elephone/Radio	Posi	tion		Name		Telephone/	/Radio
Incide	ent Commander	Hollier, Kurt	<b>(</b> b	) (6)	Safe	ty Officer		Clifton, Chri	sy	(b) (6)	
Opera Chief	ations Section	Williams, James	(b	) (6)	Oper Chie	ations Section	on	Holley, Cha	d	(b) (6)	
Incide	ent Commander	McDonald, Scot	t <mark>(b</mark>	) (6)							
	,			Emerge		Plan					
x	Fire Prevention P	lan	x	Evacuation Plan							
	Alarm System			First Aid Location							
	= ""			Notific	cation						
	Facility	Mad Cantan of	OFTY	Phone		Facility		Dant Nacha	- F:	Phone	
X	Hospital	Med Center of	SEIX		x	Fire		Port Neche Dept	es Fire	409-853-5	5900
X	Ambulance	Acadian EMS		409-980-7740		Law Enforceme	nt				
X	Air Ambulance	Acadian Air Me	ed	409-980-7740		Emergency Response/F					
				Initial	Briefi	1-					
	Initial safety briefin	ng prepared for e	ach sit		<u> </u>	<u>.a</u>					
	,	<u> </u>		Attachments	s/App	endices					
Attac	hment			Filename							
109.jį	og			109.jpg							
	SEP-ALL-600-F21	Job Safety		EHS-SEP-ALL-	-600-F	21 Job Safet	y Analy	ysis.docx			
12.07	7.2019 BD Tank 10 y P.pdf	9 DEHA Injection	1	12.07.2019 BD	Tank	109 DEHA Ir	njection	Safety P.po	df		
	08 - Site Safety P				Pre	epared By Chri	•	on, Updated 1	12/11/2019	9 06:20 UTC	
INCID	ENT ACTION PLAN SOFT	TWARE™ Printed	12/11/201	9 16:40 UTC -6:00	88 of 104 © TR					© TRG	

ICS 2	<b>208 - Site Safety Plan</b> dent Name: South 4 Group Fire							Version	Name	: 12/0	7/19 - BD Tank 90	DEHA Injection
Incide	nt Na	me: South 4 Grou	ıp Fire				ı	Period: Pe	eriod 1	3 [12/	12/2019 06:00 - 12/	(14/2019 06:00]
Applie	s to S	Butadiene Ta Plan	ank 90 DEH	A Inhib	itor In	jection						
						Site Chara	cterizati	ion				
Water	•		Lan	d				Weather				
Wave	Heig	ht	Lan	d Use				Air Temp	)	50 Fa	hrenheit	
Speed	d							Wind Spe	eed	17 m	oh	
Direc	tion							Direction	1	NNE		
						Site Ha	azards					
Yes	No	Hazards		Yes	No	Hazards			Yes	No	Hazards	
	x	Boat Safety		x		Fire, Explo	osion, In-	-situ	x		Pump Hose	
X		Chemical Hazar	ds	x		Heat Stres	ss		X		Slips, Trips, and F	alls
X		Cold Stress			x	Helicopter	Operation	ons		X	Steam and Hot W	ater
	x	Confined Space	s	x		Lifting				X	Trenching/Excava	tion
X		Drum Handling			x	Motor Veh	icles			X	UV Radiation	
X		Equipment Ope	rations	x		Noise				X	Visibility	
X		Electrical Opera	x	Overhead	/Buried l	Jtilities		X	Weather			
X							dlife			X	Work Near Water	
							ring Lim	its				
Oxyge	en Lev	rel .	- Hyd 5%	drogen	Sulfide			7	otal H	ydrocarbons		
LEL			5% for 1 mi	in Ber	nzene				E	3D		0.5ppm 5 min
			(	<u> </u>		Engineerin	g Contr	ols				
	Sour	ce of release sec	ured		Valve	e(s) closed				Energ	gy sources locked/t	agged out
x	Site s	secured		x	Facili	ty shut dow	n					
				Pers	onal I	Protective I	Equipmo	ent Requi	ired			
	Impe	rvious suit		x	Hard	hats			x	Boots	3	
	Inner	gloves		x	Resp	irators			X	High	concentration = SC	BA
x	Oute	r gloves		x	Eye p	protection			x	Low o	concentration = API	R with organic
x	Flam	e resistant clothin	ıg		Perso	onal flotation	า					
				Addi	itional	Control M	easures	Establis	hed			
x	Deco	ntamination		x	Illumi	nation				Additi	ional stations estab	lished
x	Sanit	ation			Medio	cal surveilla	nce			Facili	ties provided	
						Work	Plan					
	Boom	ning			Exca	vation				Hot w	vork	
	Skimming Heavy equip						it			Appro	opriate permits used	b
	☐ Vac trucks ☐ Sorbent pad											
X	Pump	oing			Patch	ning						
						Trail	ning					
		ed site workers tra atory requirement		cal/fed	eral	Training Requirem	ents					
ICS 208 - Site Safety Plan Prepared By Chris								isy Clif	ton, Up	dated 12/11/2019 06	:29 UTC -6:00 PP	
INCIDE	NT ACT	ION PLAN SOFTWARE	™ Printed	12/11/20	19 16:40	UTC -6:00		89 of :	104			© TRG

ICS	208 - Site Safet	ty Plan				Version	Name	: 12/07/19 - B	BD Tank	90 DEHA Inje	ction
Incide	ent Name: South 4	Group Fire			Period: Pe	riod 13	3 [12/12/2019	06:00 -	12/14/2019 0	6:00]	
				Organ	izatio	n					
Posit	ion	Name	Te	elephone/Radio	Posi	tion		Name		Telephone/Ra	adio
Incide	ent Commander	Hollier, Kurt	<b>(</b> b	) (6)	Safe	ty Officer		Clifton, Chris	у	(b) (6)	1
Opera Chief	ations Section	Williams, James	<b>(</b> b	) (6)	Oper Chie	ations Sectio	on	Holley, Chad		(b) (6)	j 
Incide	ent Commander	McDonald, Scott	( <b>b</b>	) (6)							
				Emerge	ncy P	Plan					
x	Fire Prevention P	lan	x	Evacuation Plan	1						
	Alarm System			First Aid Location	n						
				Notific	cation						
	Facility	1		Phone		Facility				Phone	
x	Hospital	Med Center of	SETX	409-853-5900	x	Fire		Port Neches Dept	Fire	409-853-590	)0
x	Ambulance	Acadian EMS		409-980-7740		Law Enforceme	nt				
X	Air Ambulance	Acadian Air Me	ed	409-980-7740		Emergency Response/F					
				Initial I	Driofii	e					
	Initial safety briefi	ng prepared for e	ach sit		brieili	ig					
	initial salety briefit	ng propared for e	acii sit	Attachments	s/Ann	endices					
Attac	chment			Filename	э/Арр	<u> </u>					
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	SEP-ALL-600-F21	Ioh Safety		EHS-SEP-ALL-	.600-E	21 Joh Safet	v Δnal	veis docy			
	sis.docx	oob calciy		LITO GET ALL	000 1	21 Job Galet	y Allai	y313.000X			
	liene Tank DEHA I FINAL.docx	njection		Butadiene Tank	k DEH	A Injection P	lan_FI	NAL.docx			
ICS 2	08 - Site Safety P	lan			Pre	epared By Chri	isy Clift	on, Updated 12	2/11/2019	06:29 UTC -6:0	00 PP
INCID	ENT ACTION PLAN SOFT	TWARE™ Printed	12/11/201	19 16:40 UTC -6:00		90 of 1	104			©	TRG

ICS 2	<b>S 208 - Site Safety Plan</b> dent Name: South 4 Group Fire							Version	Name	e: 12/0	7/19 - BD Tank 91	DEHA Injection
Incide	nt Nar	me: South 4 Groບ	ıp Fire					Period: Pe	riod 1	3 [12/1	12/2019 06:00 - 12/	14/2019 06:00]
Applie	s to S	ite: Butadiene Ta	ank 91 DEH	A Inhib	itor In	jection						
		Plan				Site Chara	otorizat	tion				
Wate	•		Lan	d		Sile Cilara	Clerizal	Weather				
	Heigl	nt		d Use				Air Temp	•	50 Fa	hrenheit	
Speed	•		Lan	u <b>0</b> 00				Wind Spe		17 mg		
Direc								Direction		NNE	511	
<b>D</b> 00						Site Ha	azards	Diroction		11112		
Yes	No	Hazards		Yes	No	Hazards			Yes	No	Hazards	
	x	Boat Safety		x		Fire, Explo	osion, In	-situ	X		Pump Hose	
x		Chemical Hazar	ds .	x		Heat Stres	SS		x		Slips, Trips, and F	alls
x		Cold Stress			x	Helicopter	Operat	ions		x	Steam and Hot W	ater
	X	Confined Space	es .	x		Lifting				x	Trenching/Excava	tion
X		Drum Handling			X	Motor Veh	icles			X	UV Radiation	
X		Equipment Ope	rations	x		Noise				x	Visibility	
X							/Buried	Utilities		x	Weather	
X							dlife			x	Work Near Water	
				Air Monito	ring Lin	nits						
Oxyge	en Lev	rel		drogen	Sulfide			7	otal H	ydrocarbons		
LEL	21.5% EL 5% for 1 min Benzene								E	3D		0.5ppm for 5
						Engineerin	g Conti	rols				
	Sourc	ce of release secu	ured		Valve	(s) closed				Energ	gy sources locked/ta	agged out
x	Site s	ecured		x	Facili	ty shut dow	n					
				Pers	onal I	Protective	Equipm	ent Requi	ired			
	Impei	rvious suit		x	Hard	hats			x	Boots	<b>i</b>	
	Inner	gloves		x	Resp	irators			x	High (	concentration = SC	BA
x	Outer	gloves		x	Eye p	rotection			x	Low o	concentration = API	R with organic
X	Flame	e resistant clothin	ıg		Perso	onal flotation	า					
				Addi	itional	Control M	easures	s Establis	hed			
x	Deco	ntamination		x	Illumi	nation				Additi	onal stations estab	lished
x	Sanit	ation			Medio	cal surveilla	nce			Facilit	ties provided	
						Work	Plan					
	Boom	ning			Exca	vation				Hot w	ork	
	☐ Skimming ☐ Heavy equip						it			Appro	priate permits used	t
	☐ Vac trucks ☐ Sorbent pa					ent pads						
X	Pump	oing			Patch	ning						
						Trail	ning					
		ed site workers tra atory requirement		cal/fed	eral	Training Requirem	ents					
ICS 2	<b>208 - Site Safety Plan</b> Prepared By Chrisy Clifton, Updated 12/11/2019 06:30 UTC -6:00 PP											
INCIDE	NT ACT	ION PLAN SOFTWARE	Printed	12/11/20	19 16:40	UTC -6:00		<b>91</b> of :	104			© TRG

ICS :	208 - Site Safe	ty Plan				Version	Name	: 12/07/19 - E	3D Tank	91 DEHA Injection		
Incide	ent Name: South 4	Group Fire			Period: Pe	eriod 1	3 [12/12/2019	9 06:00 -	12/14/2019 06:00]			
				Organ	nizatio	n						
Positi	ion	Name	Te	elephone/Radio	Posi	tion		Name		Telephone/Radio		
Incide	ent Commander	Hollier, Kurt	<b>(</b> b	) (6)	Safe	ty Officer		Clifton, Chris	sy	(b) (6)		
Opera Chief	ations Section	Williams, James	(b	) (6)	Oper Chie	ations Section	n	Holley, Chad	t	(b) (6)		
Incide	ent Commander	McDonald, Scott	<b>(</b> b	) (6)								
	1			Emerge		lan						
X	Fire Prevention P	lan	X	Evacuation Plan								
	Alarm System			First Aid Location								
				Notific	cation							
	Facility	1		Phone		Facility		I		Phone		
x	Hospital	Med Center of	SETX		x	Fire		Port Neches Dept	s Fire	409-853-5900		
x	Ambulance	Acadian EMS		409-980-7740		Law Enforceme						
x	Air Ambulance	Acadian Air Me	ed	409-980-7740		Emergency Response/F						
				Initial	Rriefii	e aa						
	Initial safety briefi	ng prepared for e	ach sit		Brieni	<u>'9</u>						
	in man carety arren			Attachments	s/App	endices						
Attac	hment			Filename	-7							
	liene Tank DEHA I FINAL.docx	njection		Butadiene Tanl	k DEH	A Injection P	lan_FI	NAL.docx				
EHS-	SEP-ALL-600-F21 sis.docx	Job Safety		EHS-SEP-ALL-	HS-SEP-ALL-600-F21 Job Safety Analysis.docx							
91.jpg				91.jpg								
ICS 2	08 - Site Safety P	lan			Pre	epared By Chri	isy Clift	on, Updated 1	2/11/2019	06:30 UTC -6:00 PP		
INCID	ENT ACTION PLAN SOFT	<b>TWARE™</b> Printed 1	12/11/201	19 16:40 UTC -6:00		<b>92 of</b> 1	104	© TRG				

ICS 2	208 - Site Safety Plan dent Name: South 4 Group Fire							Version	Name	: 12/0	7/19 - BD Tank 96	DEHA Injection
Incide	nt Naı	me: South 4 Grou	ıp Fire				F	Period: Pe	eriod 1	3 [12/	12/2019 06:00 - 12/	14/2019 06:00]
Applie	s to S	Butadiene Ta Plan	ank 96 DEH	A Inhib	itor In	jection						
						Site Chara	cterizati	on				
Water	•		Lan	d			,	Weather				
Wave	Heigl	ht	Lan	d Use				Air Temp	)	50 Fa	hrenheit	
Speed	k						,	Wind Spe	eed	17 m	oh	
Direc	tion							Direction	1	NNE		
						Site Ha	azards					
Yes	No	Hazards		Yes	No	Hazards			Yes	No	Hazards	
	X	Boat Safety		x		Fire, Explo	osion, In-	situ	x		Pump Hose	
X		Chemical Hazar	ds	x		Heat Stres	ss		X		Slips, Trips, and F	alls
X		Cold Stress			X	Helicopter	Operation	ons		X	Steam and Hot W	ater
	X	Confined Space	S	X		Lifting				X	Trenching/Excava	tion
X		Drum Handling			x	Motor Veh	icles			X	UV Radiation	
X		Equipment Ope	rations	x		Noise				X	Visibility	
X		Electrical Opera	x	Overhead	/Buried L	Itilities		X	Weather			
X							dlife			X	Work Near Water	
							ring Lim	its				
Oxyge	en Lev	rel	- Hyd 5%	drogen	Sulfide			ד	otal H	ydrocarbons		
LEL			5% for 1 mi	in Ber	nzene				E	3D		0.5ppm for 5min
			,	, <u> </u>		Engineerin	g Contro	ols	<u> </u>			
	Sourc	ce of release sec	ured		Valve	e(s) closed				Energ	gy sources locked/ta	agged out
x	Site s	secured		x	Facili	ty shut dow	n					
				Pers	onal I	Protective I	Equipme	ent Requi	ired			
	Impe	rvious suit		x	Hard	hats			x	Boots	3	
	Inner	gloves		x	Resp	irators			x	High	concentration = SC	ВА
x	Oute	r gloves		x	Eye p	protection			x	Low o	concentration = API	R with organic
x	Flam	e resistant clothin	ıg		Perso	onal flotation	า					
				Addi	itional	Control M	easures	Establis	hed			
x	Deco	ntamination		x	Illumi	nation				Additi	ional stations estab	lished
X	Sanit	ation			Medio	cal surveilla	nce			Facili	ties provided	
						Work	Plan					
	Boom	ning			Exca	vation				Hot w	ork (	
	Skimming Heavy equip						nt			Appro	opriate permits used	t
	☐ Vac trucks ☐ Sorbent pad											
X	Pump	oing			Patch	ning						
						Trail	ning					
		ed site workers tra atory requirement		cal/fed	eral	Training Requirem	ents					
ICS 208 - Site Safety Plan Prepared By Chrisy Clifton								ton, Up	dated 12/11/2019 06	:31 UTC -6:00 PP		
INCIDE	NT ACT	ION PLAN SOFTWARE	™ Printed	12/11/20	19 16:40	UTC -6:00		93 of :	104			© TRG

ICS	208 - Site Safet	ty Plan			Version Name: 12/07/19 - BD Tank 96 DEHA Inject Period: Period 13 [12/12/2019 06:00 - 12/14/2019 06:0					
Incide	ent Name: South 4	Group Fire				Period: Pe	riod 13	3 [12/12/2019 06:00	- 12/14/2019 06:00]	
				Organ	nizatio	n				
Positi	ion	Name	Te	elephone/Radio	Posi	tion		Name	Telephone/Radio	
Incide	ent Commander	Hollier, Kurt	(b	) (6)	Safe	ty Officer		Clifton, Chrisy	(b) (6)	
Opera Chief		Williams, James	(b	) (6)	Oper Chie	ations Sectio	n	Holley, Chad	(b) (6)	
Incide	ent Commander	McDonald, Scot	t (b	) (6)						
	1			Emerge		lan				
X	Fire Prevention P	lan	X	Evacuation Plan						
	Alarm System			First Aid Location						
				Notific	cation					
	Facility			Phone		Facility		T	Phone	
x	Hospital		SETX	409-853-5900	x	Fire		Port Neches Fire Dept	409-853-5900	
x	Ambulance	Acadian EMS		409-980-7740		Law Enforceme	nt			
X	Air Ambulance	Acadian Air Mo	ed	409-980-7740		Emergency Response/F				
				Initial I	Driofii	e				
	Initial safety briefin	ng prepared for e	ach sit		Dileili	<u>ig</u>				
	initial carety briom	ng proparod for c		Attachments	s/Ann	endices				
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	SEP-ALL-600-F21	Job Safety		EHS-SEP-ALL-	-600-F	21 Job Safet	v Anal	vsis docx		
ll .	sis.docx						<i>,</i> ,			
12.07 Pl.pdi	.2019 BD Tank 96	DEHA Injection	Safety	12.07.2019 BD	Tank	96 DEHA Inj	ection	Safety Pl.pdf		
ICS 2	08 - Site Safety Pl	lan			Pre	epared By Chri	d By Chrisy Clifton, Updated 12/11/2019 06:31 UTC -6:00 PF			
	ENT ACTION PLAN SOFT		12/11/201	19 16:40 UTC -6:00		94 of 1	-		© TRG	

ICS 2	208 -	Site Safety P			Version Name: 12/07/19 - BD Tank 14 DEHA Injection						
Incide	nt Naı	me: South 4 Grou	p Fire					Period: Pe	eriod 1	3 [12/	12/2019 06:00 - 12/14/2019 06:00]
Applie	s to S	Butadiene Ta Plan	ank 14 DEH	A Inhib	itor In	jection					
						Site Chara	cterizat	ion			
Water	•		Lan	d				Weather			
Wave	Heigl	ht	Lan	d Use				Air Temp	)		
Speed	k							Wind Sp	eed		
Direc	tion							Direction	า		
						Site Ha	azards				
Yes	No	Hazards		Yes	No	Hazards			Yes	No	Hazards
	x	Boat Safety		x		Fire, Explo Burning	osion, In	-situ	x		Pump Hose
X		Chemical Hazar	ds	x		Heat Stres	SS		x		Slips, Trips, and Falls
	X	Cold Stress			x	Helicopter	Operat	ions		x	Steam and Hot Water
	X	Confined Space	S	x		Lifting				x	Trenching/Excavation
X		Drum Handling			x	Motor Veh	icles			x	UV Radiation
X		Equipment Ope	rations	x		Noise				X	Visibility
	X	Electrical Opera	tions		x	Overhead	/Buried	Utilities		X	Weather
X							dlife			x	Work Near Water
					Air Monito	ring Lin	nits				
Oxyge	/gen Level 19.5% - Hydrogen Sulfide Total Hydrocarbons										
LEL											
						Engineerin	g Conti	rols			
	Source	ce of release secu	ıred	ΤП		e(s) closed			ΙП	Energ	gy sources locked/tagged out
x	Site s	secured		x	-	ty shut dow	'n			<u> </u>	
				Pers	onal I	Protective I	Equipm	ent Requ	ired		
	Impe	rvious suit		x	Hard	hats			x	Boots	S
	Inner	gloves		x	Resp	irators			x	High	concentration = SCBA
x	Oute	r gloves			Eye p	orotection			x	Low o	concentration = APR with organic
X	Flam	e resistant clothin	g		Perso	onal flotation	า				
				Add	itional	Control M	easure	s Establis	hed		
x	Deco	ntamination		x	Illumi	nation				Addit	ional stations established
X	Sanit	ation			Medio	cal surveilla	nce			Facili	ties provided
						Work	Plan				
	Boom	ning			Exca	vation				Hot w	/ork
	Skim	ming			Heav	y equipmen	nt			Appro	opriate permits used
☐ Vac trucks ☐ Sorbent pads											
X	Pump	ping			Patch	ning					
						Trail	ning				
		ed site workers tra atory requirement		cal/fed	eral	Training Requirem	ents				
ICS 2	08 - S	ite Safety Plan					Prepa	red By Chr	isy Clif	ton, Up	dated 12/11/2019 06:24 UTC -6:00 PP
INCIDE	NT ACT	ION PLAN SOFTWARE	Printed	12/11/20	19 16:40	UTC -6:00		95 of	104		© TRG

ICS :	208 - Site Safe	ty Plan			Version Name: 12/07/19 - BD Tank 14 DEHA Injecti Period: Period 13 [12/12/2019 06:00 - 12/14/2019 06:0					njection	
Incide	ent Name: South 4	Group Fire				Period: Pe	eriod 13	3 [12/12/2019 06:0	00 - 12/14/201	9 06:00]	
				Orgar	nizatio	n					
Positi	ion	Name	Te	elephone/Radio	Posi	tion		Name	Telephone	:/Radio	
Incide	ent Commander	Hollier, Kurt	(b	) (6)	Safe	ty Officer		Clifton, Chrisy	(b) (6)		
Opera Chief	ations Section	Williams, Jame	es (b	) (6)	Oper Chie	rations Section	on	Holley, Chad	(b) (6)		
Incide	ent Commander	McDonald, Sco	ott (b	) (6)							
	1		_	Emerge		Plan					
X	Fire Prevention P	lan	X	Evacuation Plan							
	Alarm System			First Aid Location							
				Notifi	cation						
	Facility	T		Phone		Facility		T	Phone		
X	Hospital			409-853-5900	x	Fire		Port Neches Fire Dept	409-853-	·5900	
X	Ambulance	Acadian EMS	<b>;</b>	409-980-7740		Law Enforceme	nt				
x	Air Ambulance	Acadian Air M	1ed	409-980-7740		Emergency Response/I					
					Briofii	e					
	Initial safety briefi	ng prepared for	each sit		Dileili	ig					
	initial datety briefly	ng proparou ioi	04011 011	Attachment	s/Ann	endices					
Attac	:hment			Filename	<i>.,,</i> ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,						
14.jpg				14.jpg							
	SEP-ALL-600-F21	Job Safety		EHS-SEP-ALL	-600-F	21 Job Safet	tv Anal	vsis.docx			
	sis.docx										
12.07 Pl.pdf	.2019 BD Tank 14	DEHA Injection	Safety	12.07.2019 BD	Tank	14 DEHA Inj	ection	Safety Pl.pdf			
	08 - Site Safety P				Pre	-	-	Clifton, Updated 12/11/2019 06:24 UTC -6:00 PP			
INCID	ENT ACTION PLAN SOFT	TWARE™ Printed	d 12/11/201	19 16:40 UTC -6:00		96 of :	104			© TRG	

ICS 2	208 -	Site Safety P	lan				Version Name: 12/07/19 - BD Tank 15 DEHA Injection						
Incide	nt Na	me: South 4 Grou	ıp Fire					Period: Pe	eriod 1	3 [12/	12/2019 06:00 - 12/14/2019 06:00]		
Applie	s to S	ite: Butadiene Ta	ank 15 DEH	A Inhib	itor In	jection							
						Site Chara	cterizat	ion					
Water	•		Lan	d				Weather					
Wave	Heigl	nt	Lan	d Use				Air Temp	<b>o</b>				
Speed	d						Wind Speed						
Direc	tion						Direction						
						Site Ha	azards						
Yes	No	Hazards		Yes	No	Hazards			Yes	No	Hazards		
	x	Boat Safety		x		Fire, Explo Burning	osion, In	-situ	x		Pump Hose		
X		Chemical Hazar	ds	x		Heat Stres	SS		X		Slips, Trips, and Falls		
	X	Cold Stress			x	Helicopter	Operat	ions		X	Steam and Hot Water		
	x	Confined Space	S	x		Lifting				x	Trenching/Excavation		
X		Drum Handling			X	Motor Veh	icles			X	UV Radiation		
X		Equipment Ope	rations	x		Noise				X	Visibility		
	X	Electrical Opera	tions		X	Overhead		Utilities		X	Weather		
x	x Fatigue				x	Plants/Wil	dlife			x	Work Near Water		
						Air Monito	ring Lin	nits					
Oxyge	en Lev	rel	19.5% 21.5		droger			7	「otal ⊢	lydrocarbons			
LEL			21.0	0 Ber	nzene								
						Engineerin	g Conti	rols					
	Source	ce of release secu	ured	ΙП		e(s) closed	<u> </u>		ΙП	Enero	gy sources locked/tagged out		
x	Site s	ecured		x	-	ty shut dow	n			<u> </u>	5,		
				Pers	onal l	Protective I	Equipm	ent Requ	ired				
	Impe	rvious suit		x	Hard	hats	x			Boots	S		
	Inner	gloves		x	Resp	irators				High	High concentration = SCBA		
x	Oute	gloves			Eye p	protection		<del> </del>			concentration = APR with organic		
x	Flam	e resistant clothin	g		Perso	onal flotation	า						
				Add	itional	Control M	easure	s Establis	shed				
x	Deco	ntamination		x	Illumi	nation				Addit	ional stations established		
x	Sanit	ation			Medio	cal surveilla	nce			Facili	ties provided		
						Work	Plan						
	Boom	ning			Exca	vation				Hot w	vork		
	Skim	ming			Heav	y equipmen	ıt			Appro	opriate permits used		
☐ Vac trucks ☐ Sorbent pads						ent pads							
x	x Pumping												
						Trail	ning						
		ed site workers tra atory requirement		cal/fed	eral	Training Requirem	ents						
ICS 2	08 - S	ite Safety Plan					Prepa	red By Chr	risy Clif	ton, Up	odated 12/11/2019 06:25 UTC -6:00 PP		
INCIDE	NT ACT	ION PLAN SOFTWARE	Printed Printed	12/11/20	19 16:40	UTC -6:00		97 of	104		© TRG		

ICS	208 - Site Safe	ty Plan			Version Name: 12/07/19 - BD Tank 15 DEHA Injection									
Incide	ent Name: South 4	Group Fire			Period: Period 13 [12/12/2019 06:00 - 12/14/2019 06:00]									
				Organ	nizatio	n								
Posit	ion	Name	Te	elephone/Radio	Posi	tion		Name	Telephone/Radio					
Incide	ent Commander	Hollier, Kurt	(b	) (6)	Safe	ty Officer		Clifton, Chrisy	(b) (6)					
Opera Chief	ations Section	Williams, James	(b	) (6)	Oper Chie	ations Sectio	n	Holley, Chad	(b) (6)					
Incide	ent Commander	McDonald, Scott	( <u>b</u>	) (6)										
	,			Emerge		lan								
x	Fire Prevention P	lan	x	Evacuation Plan										
	Alarm System			First Aid Location										
	- w.			Notific	cation				D.					
	Facility	14 10 1 1	OFT\/	Phone		Facility		D (N ) E	Phone					
x	Hospital	Med Center of	SETX		x	Fire		Port Neches Fire Dept	409-853-5900					
X	Ambulance	Acadian EMS		409-980-7740		Law Enforcemen	nt							
X	Air Ambulance	Acadian Air Me	ed	409-980-7740		Emergency Response/F								
				Initial	Briofic	e								
	Initial safety briefi	ng prepared for e	ach sit		Dileili	<u>ig</u>								
	initial datety briefly	ng proparod for c		Attachments	s/Ann	endices								
Attac	chment			Filename	-,, .pp									
12.07 Pl.pd	7.2019 BD Tank 15	DEHA Injection	Safety	12.07.2019 BD	Tank	15 DEHA Inje	ection	Safety Pl.pdf						
EHS-	SEP-ALL-600-F21	Job Safety		EHS-SEP-ALL-	EHS-SEP-ALL-600-F21 Job Safety Analysis.docx									
15.jpg				15.jpg										
ICS 2	08 - Site Safety P	lan			Pre	epared By Chri	sy Clift	on, Updated 12/11/20	19 06:25 UTC -6:00 PP					
INCID	ENT ACTION PLAN SOFT	<b>FWARE™</b> Printed	12/11/201	9 16:40 UTC -6:00		98 of 1	L04		© TRG					

ICS :	208 -	Site Safety P	lan						Ve	ersion	Name: 12/11/19 - T	K33 Inspection	
Incide	nt Na	me: South 4 Grou	ıp Fire					Period: Pe	riod 1	3 [12/	12/2019 06:00 - 12/	14/2019 06:00]	
Applie	es to S	Site: TK33 Inspec	tion										
	Site Characterization												
Wate	Water Land Weather												
Wave	Heig	ht	Lan	d Use				Air Temp		53 Fa	ahrenheit		
Spee	d							Wind Spe	ed	8 mp	h		
Direc	tion							Direction		NNE			
						Site Ha	azards						
Yes	No	Hazards		Yes	No	Hazards			Yes	No	Hazards		
	x	Boat Safety		x		Heat Stress				x	Steam and Hot Wa	ater	
X	Chemical Hazards X				x	Helicopter	Operat	ions		x	Trenching/Excava	tion	
X		Cold Stress			x	Lifting	☐ x UV Radiation						
	X	Confined Space	es		x	Motor Veh	icles			x	Visibility		
	x	Drum Handling		x		Noise			X		Weather		
	X	Equipment Ope		x		Overhead		Utilities		x	Work Near Water		
	x	Electrical Opera	itions		x	Plants/Wil	dlife		X		Debris		
X		Fatigue			X	Pump Hos							
	x	Fire, Explosion, Burning	In-situ	x		Slips, Trip	s, and F	alls					
	Air Monitoring Limits												
Oxyg	en Lev	/el	19.5% 20.5		droger	n Sulfide			-	Γotal ⊢	lydrocarbons		
LEL			5% for 1 m	nin Benzene					E	3D		0.5ppm for 5 min	
						Engineerin	g Conti	rols					
	Sour	ce of release secu	ured		Valve	e(s) closed	☐ Energy sources locked/tagged out					agged out	
X	Site	secured		x	Facili	ty shut dow	vn						
				Pers	onal	Protective I	Equipm	ent Requi	red				
	Impe	rvious suit		X	Hard	hats			X	Boots	3		
		gloves		X	Resp	irators		X SCBA					
X		r gloves		x		protection		x			Steel/composite toe boots		
X	Flam	e resistant clothin	ıg			onal flotation							
	1					l Control M	easure	s Establisi	hed				
x		ntamination		x		nation			<u> </u>		ional stations estab	ished	
X	Sanit	ation			Medi	cal surveilla				Facili	ties provided		
					I_	Work	Plan	-			•		
	Boon					vation			<u> </u>	Hot w			
Skimming Heavy equipme									<u> </u>		opriate permits used	1	
		rucks		ent pads			X	Visua	al inspection				
	☐ Pumping ☐ Patching ☐ Patching												
	\	ad aita wadaana tu	a: n a d m a v l a .			Training		Cita Oriante	4:				
		ed site workers tra atory requirement		cai/ied	eidi	Training Requirem		Site Orienta	สแบก				
ICS 2	08 - S	ite Safety Plan					Prepar	red By Clayt	on Do	rsa, Up	odated 12/11/2019 15:	43 UTC -6:00 PP	
INCID	NT ACT	TION PLAN SOFTWARE	™ Printed	12/11/201	19 16:40	UTC -6:00		99 of 1	.04			© TRG	

ICS	208 - Site Safe	ty Plan					Ve	rsion Name: 12/11/1	9 - TK33 Inspection			
Incide	ent Name: South 4	Group Fire			Period: Period 13 [12/12/2019 06:00 - 12/14/2019 06:00]							
				Organ	nization							
Posit	ion	Name	T	elephone/Radio	Posi	tion		Name	Telephone/Radio			
Incide	ent Commander	McDonald, Scott	( <b>b</b>	) (6)	Safe	ty Officer		Dorsa, Clayton	(b) (6)			
Incide	ent Commander	Hollier, Kurt	(b	o) (6)	Oper Chie	rations Section	on	Holley, Chad	(b) (6)			
Safet	y Officer	Clifton, Chrisy	(b	) (6)	Oper Chie	ations Section	on	Williams, James	(b) (6)			
				Emerge	ncy F	Plan						
X	Fire Prevention P	lan	X	Evacuation Plan	l							
	Alarm System			First Aid Locatio	n							
				Notific	cation							
	Facility			Phone		Facility			Phone			
X	Hospital	Medical Center SETX	r of	409-853-5900	X	Fire		Port Neches Fire Dept	409-853-5900			
x	Ambulance	Acadian EMS		409-980-7740		Law Enforceme						
x	Air Ambulance	Acadian Air Me	ed	409-980-7740		Emergency Response/le						
				Initial I	Briefii	1-						
	Initial safety briefi	ng prepared for e	ach sit			-9						
		<u> </u>		Attachments	s/App	endices						
Attac	chment			Filename								
TK 33	3 Inspection Plan.d	ocx		TK 33 Inspection	n Pla	n.docx						
ICS 2	208 - Site Safety P	lan			Pre	pared By Clay	ton Dor	sa, Updated 12/11/201	9 15:43 UTC -6:00 PP			
	ENT ACTION PLAN SOFT	T	12/11/20	19 16:40 UTC -6:00		100 of			© TRG			

ICS :	208 -	Site Safe	ty P	lan				Version Name: 12/11/2019 - Site PPE Requirements Safety Plan						
Incide	nt Nar	ne: South 4	Grou	ıp Fire				Period: Period 13 [12/12/2019 06:00 - 12/14/2019 06:00]						
		ite: PPE Re		•							<u> </u>			
							Site Chara	cteriza	ation					
Wate														
Wave	Heigh	nt		Lan	d Us	е			Air Tem	)				
Spee	d								Wind Sp					
Direc								Direction						
							Site H	azards	5					
Yes	No	Hazards			Yes	No	Hazards			Yes	No	Hazards		
	x	Boat Safety	y		x		Fire, Expl Burning	osion,	In-situ		x	Pump Hose		
x		Chemical F	Hazar	ds	X		Heat Stre	ss		x		Slips, Trips, a	nd Falls	
	x	Cold Stress	S			x	Helicopte	r Opera	ations		x	Steam and Ho	ot Water	
	X	Confined S	расе	s		x	Lifting				X	Trenching/Exc	cavation	
	X	Drum Hand	dling			x	Motor Vel	nicles			X	UV Radiation		
	X	Equipment	Ope	rations	x		Noise				x	Visibility		
	X	Electrical C	)pera	tions		x	Overhead	l/Burie	d Utilities		X	Weather		
X		Fatigue				x	Plants/Wi	ldlife			x	Work Near W	ater	
							Air Monito	ring L	imits					
Oxyg	en Lev	el		19.5% 20.5		ydroge	n Sulfide			-	Total H	lydrocarbons		
LEL					0 B	enzene	9							
Engineering Controls														
	Sourc	e of release	secu	ıred		Valv	e(s) closed				Energ	gy sources lock	ed/tagged out	
X	Site s	ecured			X	Faci	lity shut dov	vn						
					Pe	rsonal	Protective	Equip	ment Requ	ired				
	Impei	vious suit			x	Flan	ne resistant	clothin	<del></del> g	x Eye protection				
	Inner	gloves			х	Har	d hats	x Pe			Perso	onal flotation		
	Outer	gloves			x	Res	pirators		x Boots					
	<u>'</u>				Ad	dition	al Control N	leasur	es Establis	hed	•			
x	Deco	ntamination			x	Illun	nination	Additional stations establish					stablished	
x	Sanita	ation				Med	ical surveilla	ance			Facili	ties provided		
							Worl	k Plan			•			
	Boom	ning				Exc	avation				Hot w	ork		
	Skimı	ming				Hea	vy equipme	nt			Appro	priate permits	used	
	Vac ti	rucks				Sort	ent pads							
☐ Pumping ☐ Patching						hing								
							Tra	ining						
Verified site workers trained per local/federal regulatory requirements  Training Requirements														
	Organization													
Positi	on		Nam	ne		Teleph	none/Radio	Positi			Name	<del></del>	Telephone/Radio	
		mmander		onald, Scott		(b) (6)		Operations Section Holley, Chad (b) (6)				· ·		
ICS 2	U8 - 6:	te Safety P	lan					Dro	nared By Ch	iev Clif	ton Un	dated 12/11/201	9 12:45 UTC -6:00 P	
		ION PLAN SOFT		TM Printed	12/11/	0010 16-4	0 UTC -6:00	FIE	101 of	-	tori, op	12/11/201	9 12:45 01C -6:00 P	
		LAN 50F			, 2	, , , , , , ,	- 0.0 0.00	1	101 0			ı	S III	

ICS	208 - Site Safe	ty Plan			Version Name: 12/11/2019 - Site PPE Requirements Safety Plan									
Incide	ent Name: South 4	Group Fire			Period: Period 13 [12/12/2019 06:00 - 12/14/2019 06:00]									
Incide	ent Commander	Hollier, Kurt	(b	0) (6)		Operations Section Williams, James (b) (6) Chief								
Safet	y Officer	Clifton, Chrisy	<u>(</u> t	0) (6)										
				Emerge	Emergency Plan									
X	Fire Prevention P	lan	X	Evacuation Plan	1									
	Alarm System			First Aid Locatio	n									
				Notific	cation	s								
	Facility			Phone		Facility				Phone				
x	Hospital	Medical Cente SETX	r of	409-853-5900	x	Fire		Port Nech Dept	es Fire	409-853-	5900			
X	Ambulance	Acadian EMS		409-980-7740		Law Enforceme	nt							
x	Air Ambulance	Acadian Air Me	ed	409-980-7740		Emergency Response/le								
		·		Initial I	Briefii	าg								
	Initial safety briefin	ng prepared for e	ach si	te										
				Attachments	s/App	endices								
Attac	hment			Filename										
12.11 Plan.	.2019 PPE Require	ements Safety		12.11.2019 PPI	E Req	uirements Sa	afety PI	an.docx						
ICS 2	08 - Site Safety P	lan			Pre	epared By Chr	isv Clifte	on, Updated	12/11/201	19 12:45 UTC	-6:00 PP			
	ENT ACTION PLAN SOFT	I	12/11/20	19 16:40 UTC -6:00		102 of					© TRG			

ICS 220 - Air Operations S	Summai	ry		Version Name: 20191212							
Incident Name: South 4 Group F	ire			Period: Period 13 [12/12/2019 06:00 - 12/14/2019 06:00							
Sunrise			Sunset	Ready Alert Aircraft							
12/12/2019 07:00		12/	12/2019 17:16	Medivac							
Remarks (safety notes, ha	zards, aiı	operations sp	ecial equipment, etc)	New Inciden	t						
ALL AIR OPERATIONS ARE DE						Temporary Fligh	ht Restriction Nur	mber :			
DURING ADVERSE CONDITION WITH 30 MIN RESPONSE REQ		MAIN ON STANDBY	Altitude	2000							
WITT 30 WINT REGI GIVEE REQ	<b>V</b> 1.		Center Point	29.97	76815, -93.947531						
						Fi	requencies				
Air Operations requests for curre	nt operati	onal period nee	d to be made through the	Frequency / Fu	nction		AM	FM			
Air Operations Group Supervisor Priority to Life Safety or Environn	and appr	oved by the Op									
Flight requests for future operation by noon. These flights will be ad approval.											
The ICS 220 - Air Operations Su operations for the IAP.	mmary wi	ll be used to do	cument approved air								
Operations to assist response perincident site to determine tactics											
Heed all directions from emerger landing sites due to number of pobservation of plume/air condition CTEH provides continuous air me	ower lines	IVO incident lo gress/redeploy a	cation. Keep continuous s conditions warrant.								
	Perso	onnel									
Position N	Vame		Phone								
Air Ops Group Supervisor (Data Collection)	Allen, Bryd	ce	(b) (6)								
Unmanned Aircraft Pilot in E Command	Barrett, Bla	ake	832-622-8136								
ICS 220 - Air Operations Summ	nary					Prepared By Air O	perations, Updated 1	12/11/2019 16:00 UTC -6:00 PF			
INCIDENT ACTION PLAN SOFTWARE™	-	Printed 12	/11/2019 16:40 UTC -6:00		10	03 of 104		© TRG			

ICS 220 - Air	Operation	s Summary								Version Name: 20191212
Incident Name: S	South 4 Group	o Fire					Р	eriod: Period 1	3 [12/12	2/2019 06:00 - 12/14/2019 06:00
		Personnel								
Position		Name	Phone	9						
Visual Observer		Berg, Nolan	Nolan (b) (6)							
				Helicopte	ers					
FAA N#	Category	Make/Model	1	Base		Avail	able	Start	Rem	arks
FA3WNXXPCY	sUAV	Phantom 4 F	Pro V2	Incident Command	Post 11/28 06:00		3/2019 )	12/08/2019 07:00	PIC -	- D. Lindsey
FA3HCFMKEH	sUAV	Matrice 210v	/2 RTK	Incident Command		11/29 06:00	9/2019 )	12/08/2019 06:00		
FA34CL9AA3	sUAV	Matrice M60	0	Incident Command	Post 11/2 06:0		9/2019 12/08/2019 0 06:00			
		<u>.</u>		Task/Mission/A	ssignmen	t				
Function		Name of Pers Tactical Aircra	Name of Personnel or Cargo or Instructions t Tactical Aircraft			tart	Fly To			Fly From
IR Thermal Surv	<b>Э</b> у	Perform IR fliq of interest.	Perform IR flight over Block 10 to identify area of interest.			9	Incident L	ocation		Recommended Safe Distance
Aerial Observation	on		Aerial Observation and imagery capture of waterway Divisions A-E.			9	Division E			Division A
IR Tank Survey		Perform IR FI levels.	Perform IR Flights for tank temperatures and levels.				Tank Blocks			Recommended Safe Distance
Aerial Observation	n	Aerial Observ incident locati		gery capture of	12/09/2019 11:00		Incident Location			Recommended Safe Distance
		modern locali	OII.		11.00					

ICS 220 - Air Operations Summary		Prepared By Air Opera	ations, Updated 12/11/2019 16:00 UTC -6:00 PP
INCIDENT ACTION PLAN SOFTWARE™	Printed 12/11/2019 16:40 UTC -6:00	104 of 104	© TRG